

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046515.D
 Acq On : 04 Jun 2025 20:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 05 02:16:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	76406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73598	51.668	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.340%	
35) Dibromofluoromethane	5.385	113	51983	52.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.000%	
50) Toluene-d8	8.647	98	166897	48.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.480%	
62) 4-Bromofluorobenzene	11.079	95	69904	52.670	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	50176	42.906	ug/l	96
3) Chloromethane	1.313	50	47325	41.730	ug/l	96
4) Vinyl Chloride	1.374	62	45962	43.547	ug/l	99
5) Bromomethane	1.593	94	17648	36.050	ug/l	96
6) Chloroethane	1.673	64	26253	46.593	ug/l	97
7) Trichlorofluoromethane	1.874	101	73293	46.986	ug/l	100
8) Diethyl Ether	2.130	74	27642	52.055	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	43022	44.567	ug/l	98
10) Methyl Iodide	2.441	142	51709	45.270	ug/l	99
11) Tert butyl alcohol	2.983	59	68025	340.210	ug/l	100
12) 1,1-Dichloroethene	2.313	96	37693	41.604	ug/l	94
13) Acrolein	2.233	56	62574	274.795	ug/l	99
14) Allyl chloride	2.654	41	91008	52.560	ug/l	94
15) Acrylonitrile	3.063	53	179121	313.289	ug/l	99
16) Acetone	2.386	43	176428	308.906	ug/l	99
17) Carbon Disulfide	2.502	76	72704	33.849	ug/l	100
18) Methyl Acetate	2.703	43	107855	81.379	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	185809	58.498	ug/l	98
20) Methylene Chloride	2.782	84	54074	49.406	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	44085	48.386	ug/l	95
22) Diisopropyl ether	3.764	45	193445	57.837	ug/l	93
23) Vinyl Acetate	3.721	43	804968	273.638	ug/l	100
24) 1,1-Dichloroethane	3.605	63	101925	54.713	ug/l	100
25) 2-Butanone	4.562	43	268115	323.353	ug/l	100
26) 2,2-Dichloropropane	4.471	77	52251	35.835	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	59020	53.810	ug/l	97
28) Bromochloromethane	4.898	49	43776	48.819	ug/l	99
29) Tetrahydrofuran	5.013	42	166277	320.023	ug/l	99
30) Chloroform	5.093	83	106365	54.779	ug/l	95
31) Cyclohexane	5.465	56	80264	47.281	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	89880	53.399	ug/l	100
36) 1,1-Dichloropropene	5.684	75	63397	47.200	ug/l	99
37) Ethyl Acetate	4.721	43	92719	55.873	ug/l	99
38) Carbon Tetrachloride	5.672	117	72510	48.047	ug/l	98
39) Methylcyclohexane	7.379	83	76958	44.505	ug/l	100
40) Benzene	6.032	78	199556	50.723	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55620	64.072	ug/l	98
42) 1,2-Dichloroethane	6.086	62	88035	51.847	ug/l	100
43) Isopropyl Acetate	6.342	43	151393	59.801	ug/l	100
44) Trichloroethene	7.123	130	47181	49.827	ug/l	95
45) 1,2-Dichloropropane	7.428	63	53823	55.019	ug/l	97
46) Dibromomethane	7.580	93	40516	52.511	ug/l	99
47) Bromodichloromethane	7.818	83	82419	54.235	ug/l	99
48) Methyl methacrylate	7.696	41	78479	60.699	ug/l	97
49) 1,4-Dioxane	7.659	88	30122	1227.019	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	523565	311.563	ug/l	100
52) Toluene	8.714	92	124115	51.449	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	69714	51.611	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	76104	50.977	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	52764	55.470	ug/l	97
56) Ethyl methacrylate	9.116	69	93333	61.564	ug/l	97
57) 1,3-Dichloropropane	9.305	76	91593	53.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	228169	295.213	ug/l	100
59) 2-Hexanone	9.427	43	401842	323.219	ug/l	99
60) Dibromochloromethane	9.519	129	57035	54.597	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53729	54.346	ug/l	98
64) Tetrachloroethene	9.269	164	40882	47.343	ug/l	96
65) Chlorobenzene	10.080	112	137369	51.425	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	50213	55.049	ug/l	99
67) Ethyl Benzene	10.189	91	247674	52.599	ug/l	99
68) m/p-Xylenes	10.299	106	179210	104.060	ug/l	99
69) o-Xylene	10.640	106	90840	54.105	ug/l	98
70) Styrene	10.653	104	154039	56.007	ug/l	99
71) Bromoform	10.799	173	37006	54.037	ug/l #	96
73) Isopropylbenzene	10.957	105	243446	53.284	ug/l	99
74) N-amyl acetate	10.842	43	132675	58.767	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	87778	54.825	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97192	68.805	ug/l	85
77) Bromobenzene	11.195	156	55773	52.581	ug/l	100
78) n-propylbenzene	11.305	91	280392	52.781	ug/l	100
79) 2-Chlorotoluene	11.360	91	175163	51.120	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	203328	53.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20776	47.884	ug/l	97
82) 4-Chlorotoluene	11.451	91	197258	51.912	ug/l	99
83) tert-Butylbenzene	11.713	119	204900	53.294	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	205643	53.202	ug/l	99
85) sec-Butylbenzene	11.890	105	253922	53.790	ug/l	99
86) p-Isopropyltoluene	12.006	119	210338	53.980	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101434	52.398	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	101896	51.541	ug/l	99
89) n-Butylbenzene	12.329	91	184264	53.911	ug/l	99
90) Hexachloroethane	12.536	117	34953	50.916	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	107198	55.183	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22164	62.488	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61152	54.808	ug/l	99
94) Hexachlorobutadiene	13.725	225	25870	53.089	ug/l	99
95) Naphthalene	13.774	128	250619	61.244	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	63714	55.343	ug/l	100

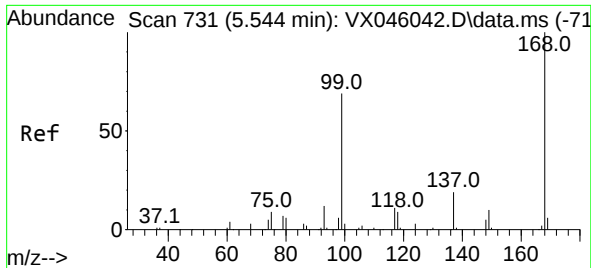
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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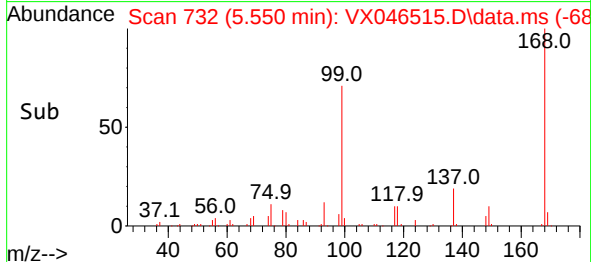
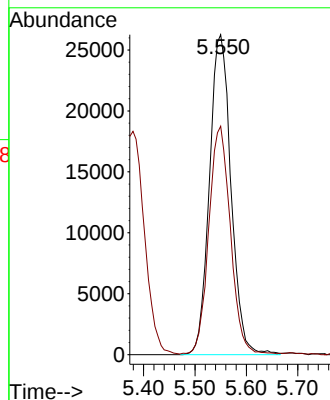
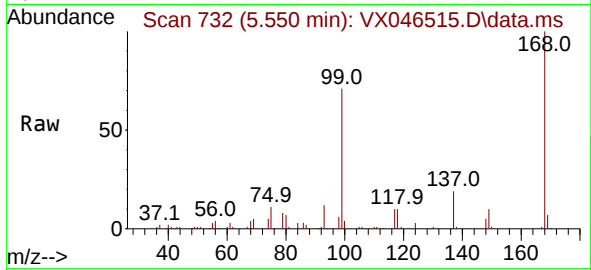
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
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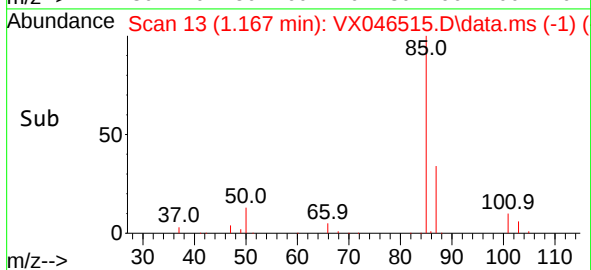
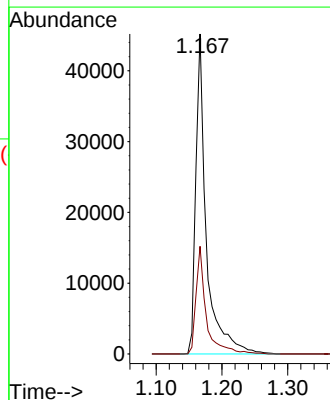
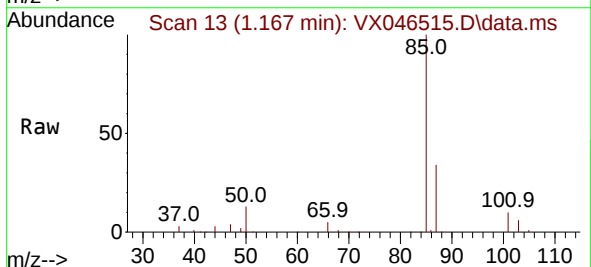
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MSVOA_X
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VSTDCCC050EC

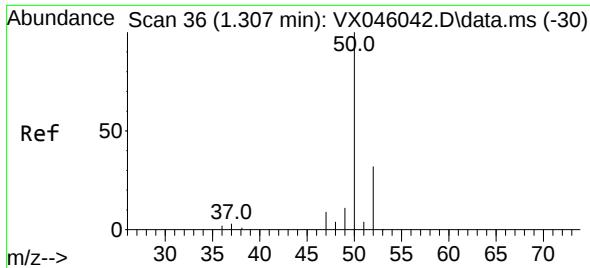
Tgt Ion:168 Resp: 76406
Ion Ratio Lower Upper
168 100
99 71.2 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 42.906 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 85 Resp: 50176
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1

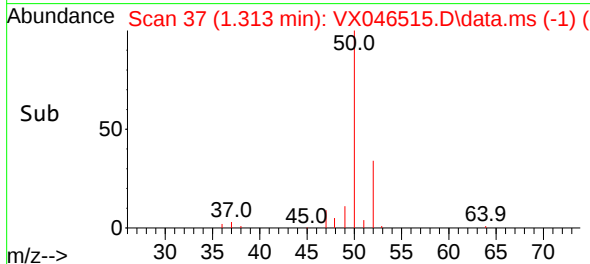
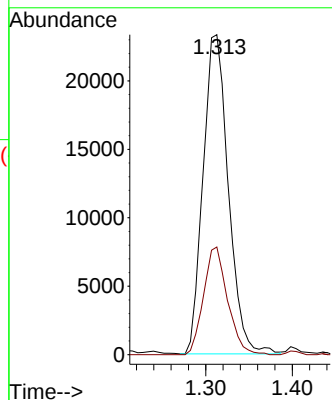
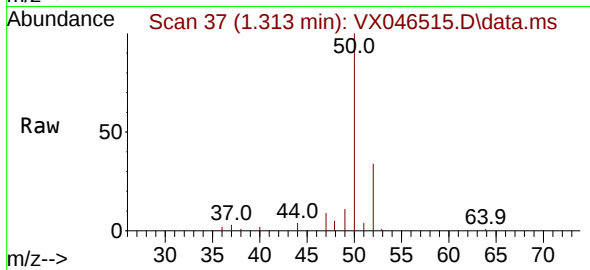




#3
Chloromethane
Concen: 41.730 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

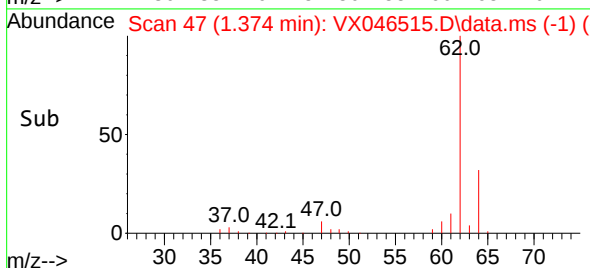
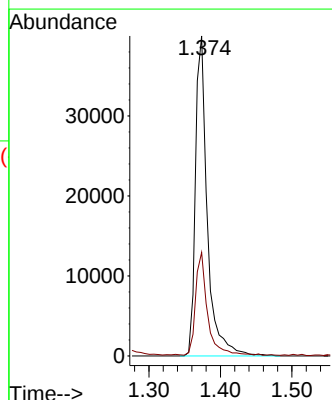
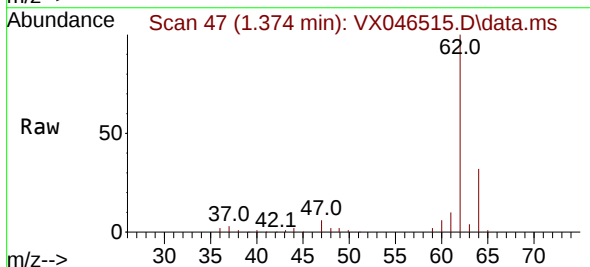
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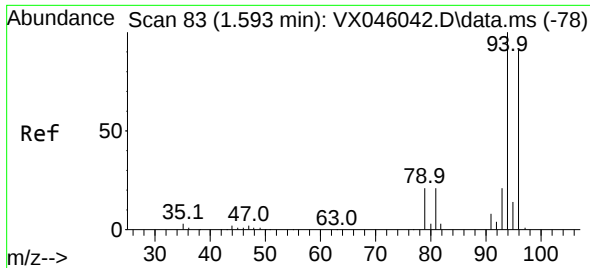
Tgt Ion: 50 Resp: 47325
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 43.547 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 62 Resp: 45962
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8

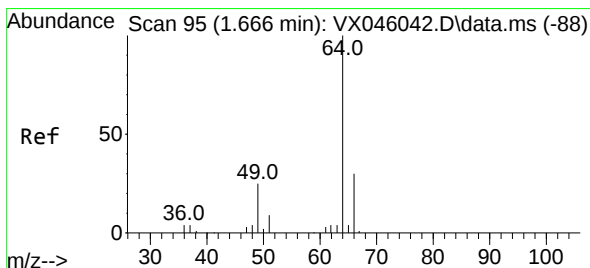
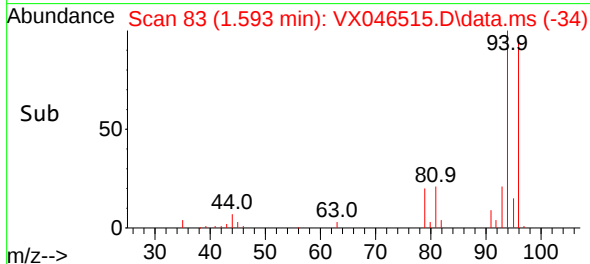
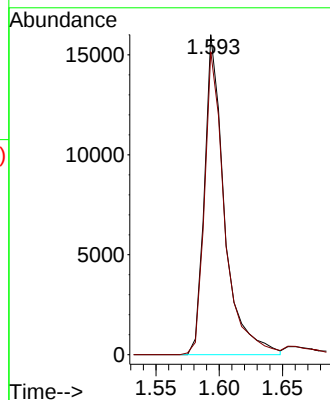
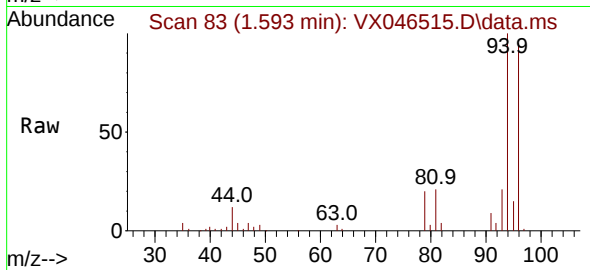




#5
 Bromomethane
 Concen: 36.050 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

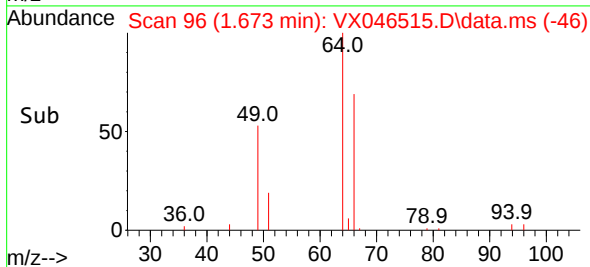
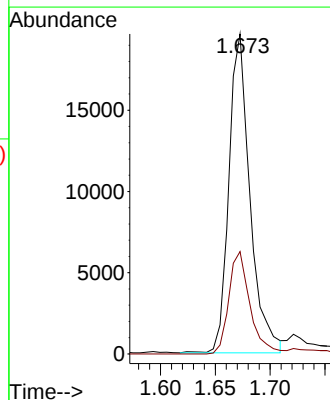
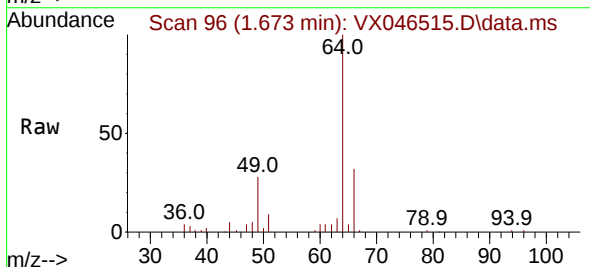
Instrument :
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Tgt Ion: 94 Resp: 17648
 Ion Ratio Lower Upper
 94 100
 96 94.7 72.8 109.2



#6
 Chloroethane
 Concen: 46.593 ug/l
 RT: 1.673 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

Tgt Ion: 64 Resp: 26253
 Ion Ratio Lower Upper
 64 100
 66 32.1 24.3 36.5

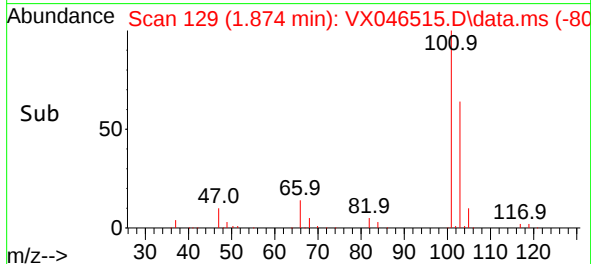
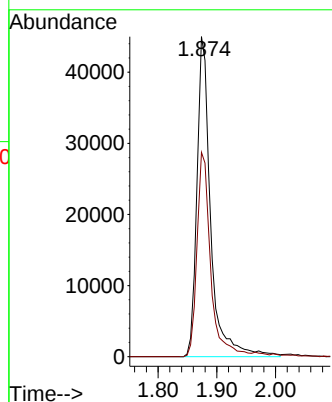
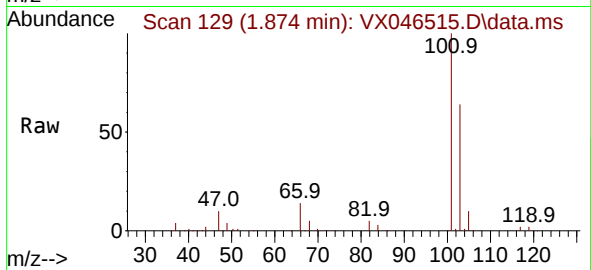




#7
 Trichlorofluoromethane
 Concen: 46.986 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

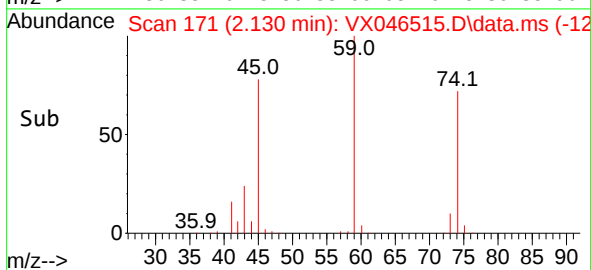
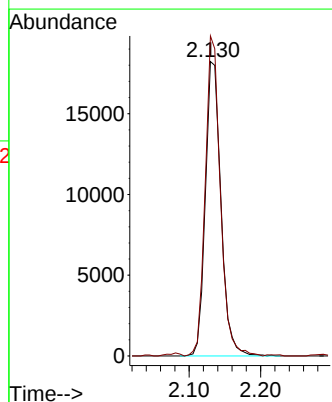
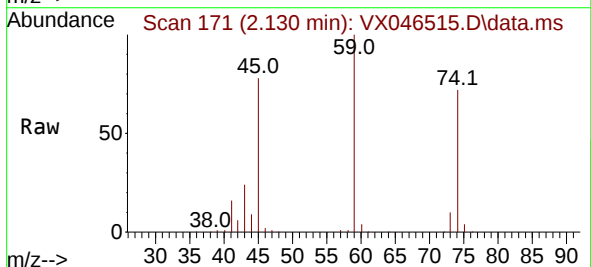
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Tgt Ion:101 Resp: 73293
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.4



#8
 Diethyl Ether
 Concen: 52.055 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

Tgt Ion: 74 Resp: 27642
 Ion Ratio Lower Upper
 74 100
 45 105.4 54.9 164.8

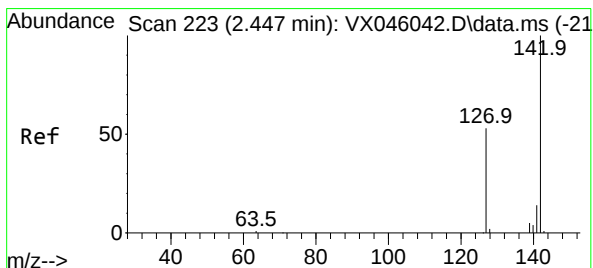
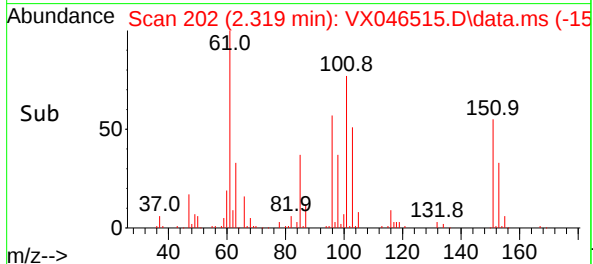
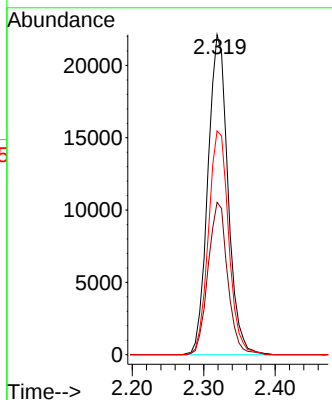
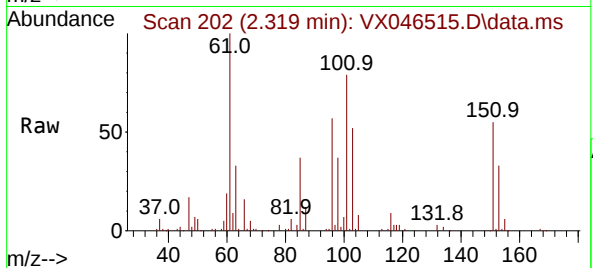




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.567 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

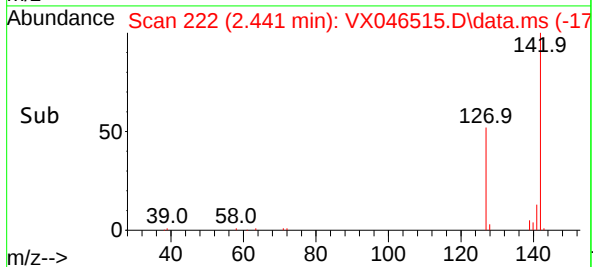
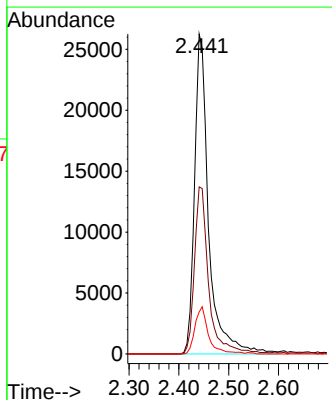
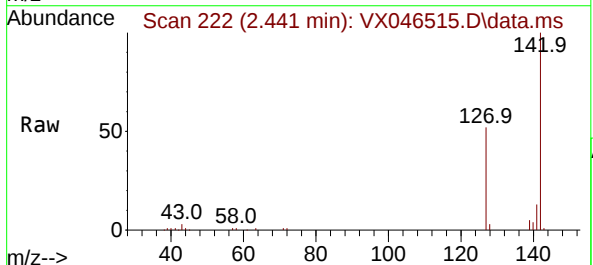
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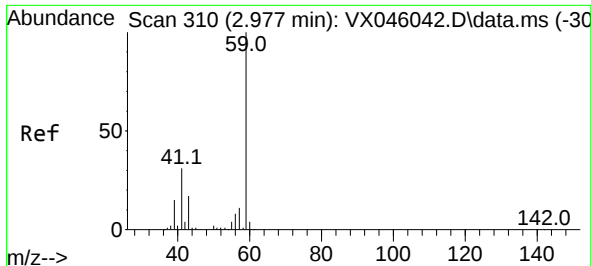
Tgt Ion:101 Resp: 43022
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 70.6 55.2 82.8



#10
Methyl Iodide
Concen: 45.270 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046515.D
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Tgt Ion:142 Resp: 51709
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.1 11.5 17.3

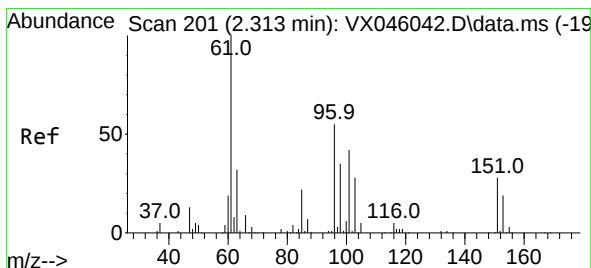
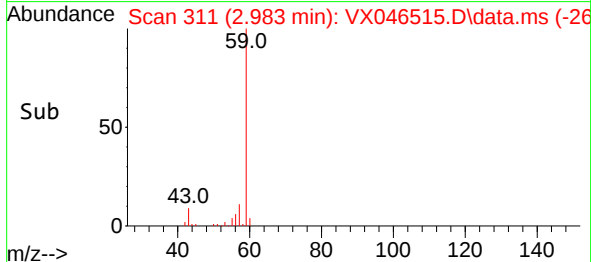
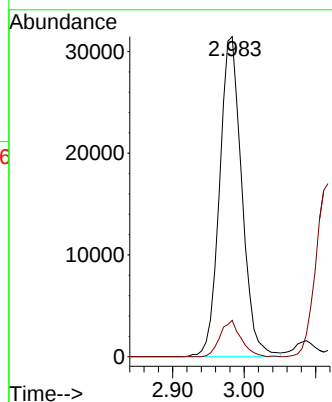
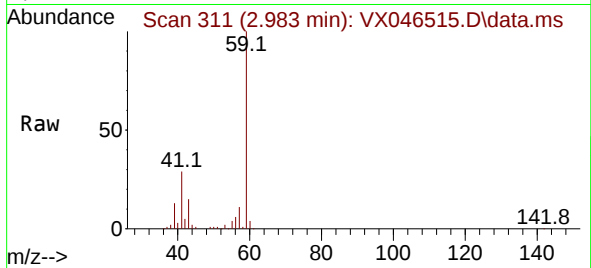




#11
Tert butyl alcohol
Concen: 340.210 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

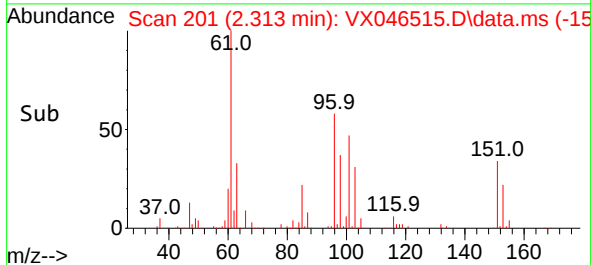
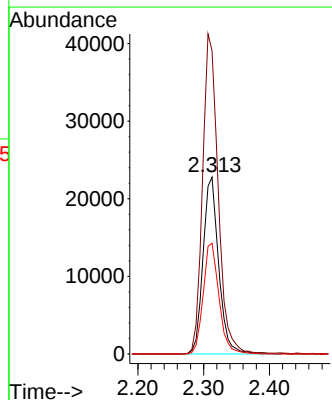
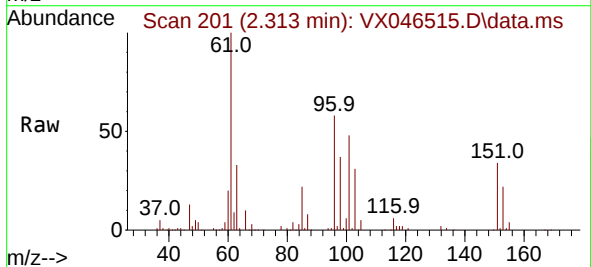
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

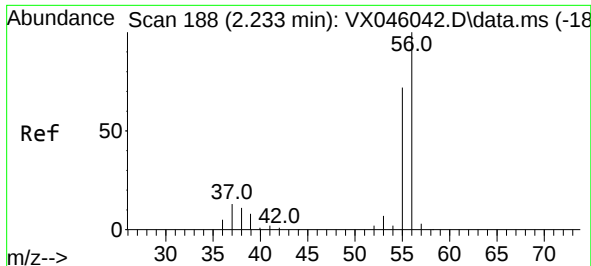
Tgt Ion: 59 Resp: 68025
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 41.604 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 96 Resp: 37693
Ion Ratio Lower Upper
96 100
61 171.4 146.2 219.2
98 62.6 51.0 76.6

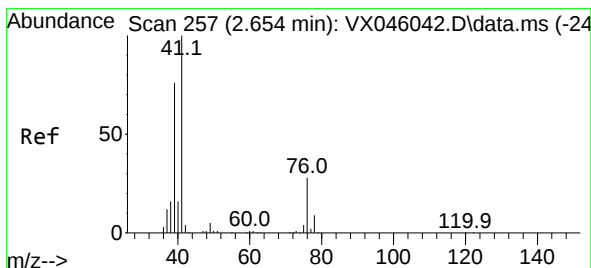
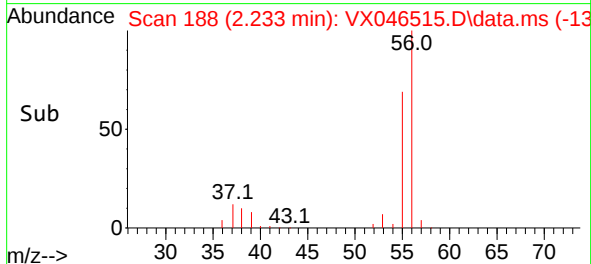
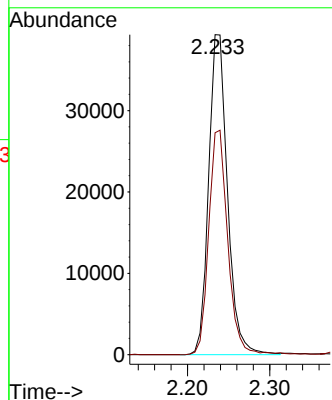
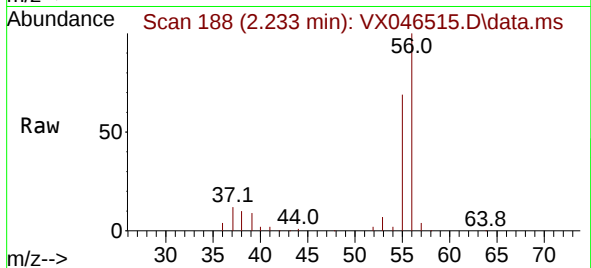




#13
Acrolein
Concen: 274.795 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

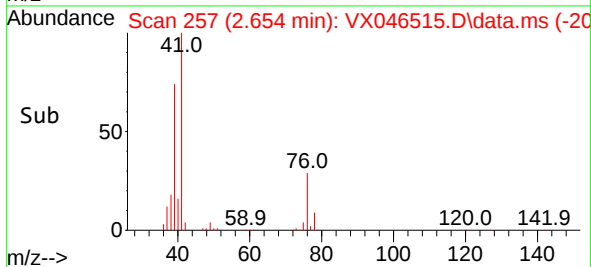
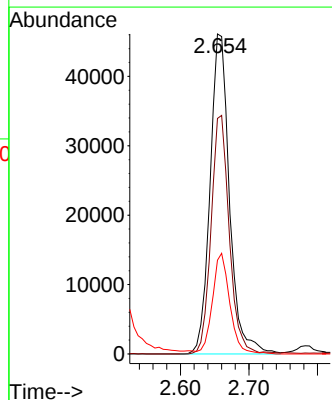
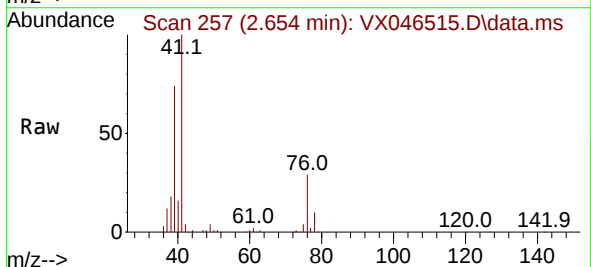
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 62574
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4



#14
Allyl chloride
Concen: 52.560 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 41 Resp: 91008
Ion Ratio Lower Upper
41 100
39 69.9 60.6 90.8
76 28.1 24.9 37.3

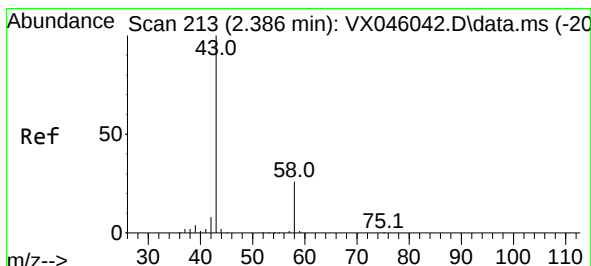
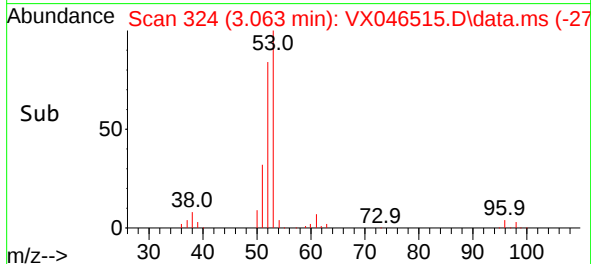
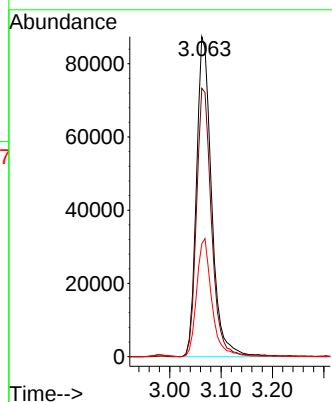
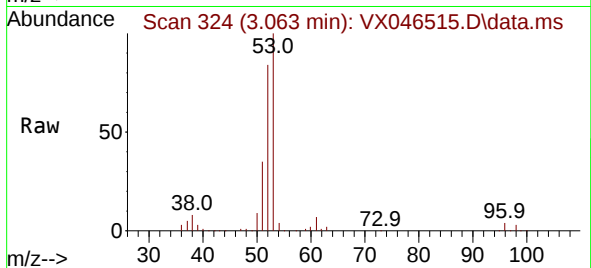




#15
Acrylonitrile
Concen: 313.289 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

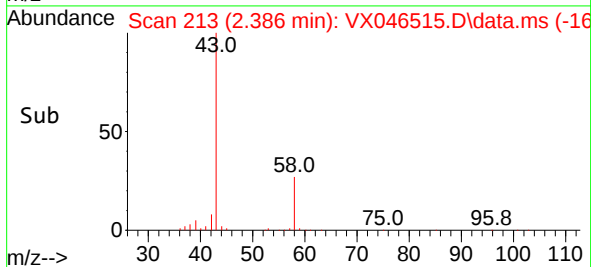
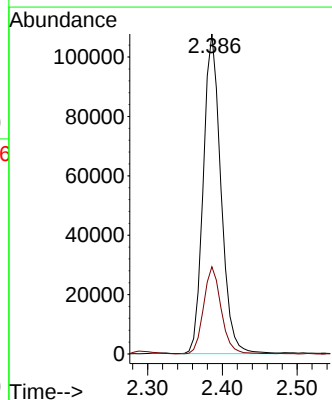
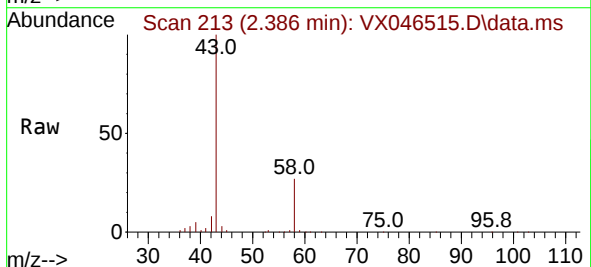
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

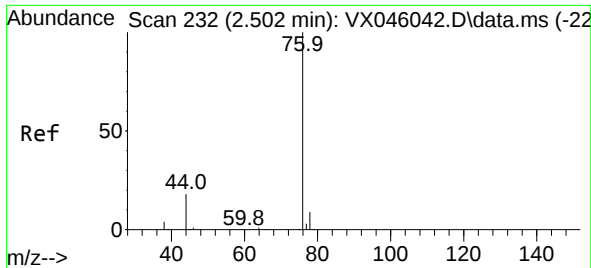
Tgt Ion: 53 Resp: 179121
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.2 29.8 44.8



#16
Acetone
Concen: 308.906 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 43 Resp: 176428
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8





#17

Carbon Disulfide

Concen: 33.849 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

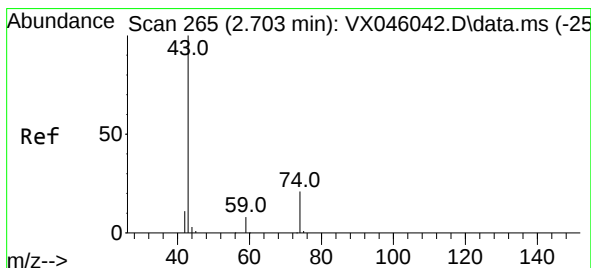
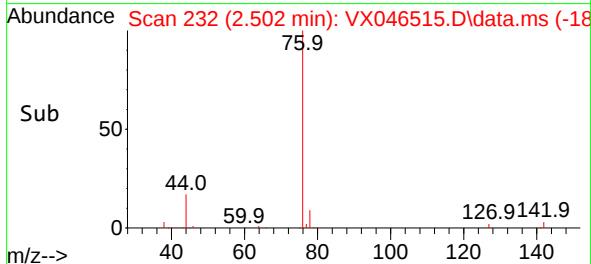
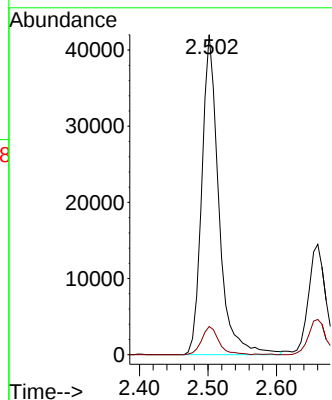
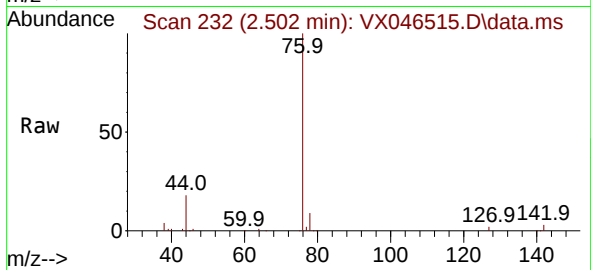
VSTDCCC050EC

Tgt Ion: 76 Resp: 72704

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



#18

Methyl Acetate

Concen: 81.379 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046515.D

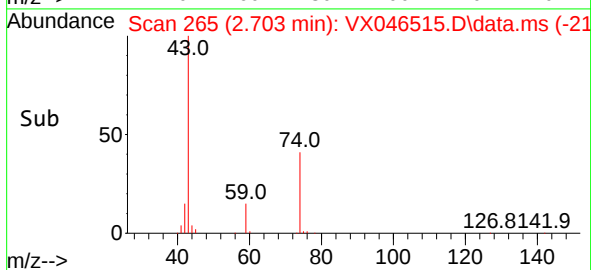
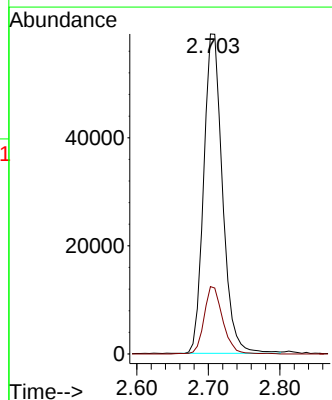
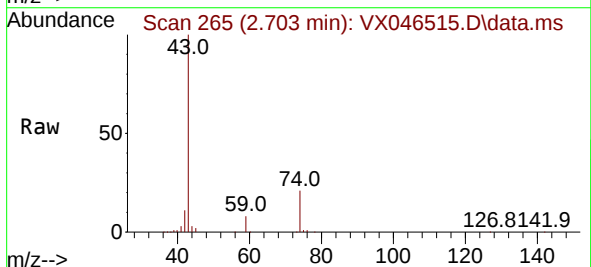
Acq: 04 Jun 2025 20:59

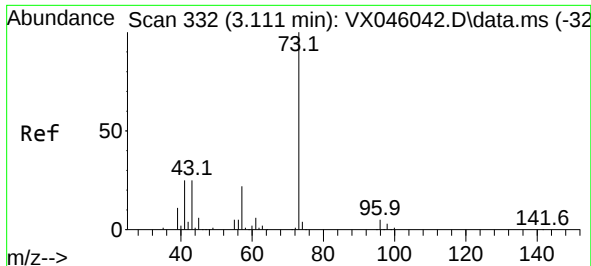
Tgt Ion: 43 Resp: 107855

Ion Ratio Lower Upper

43 100

74 21.0 16.7 25.1

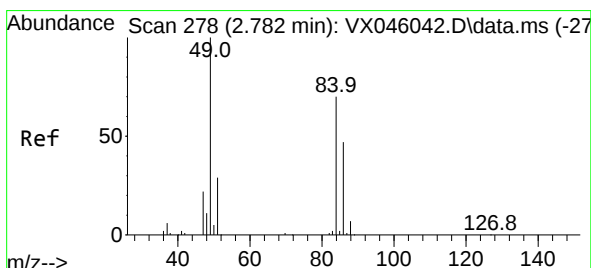
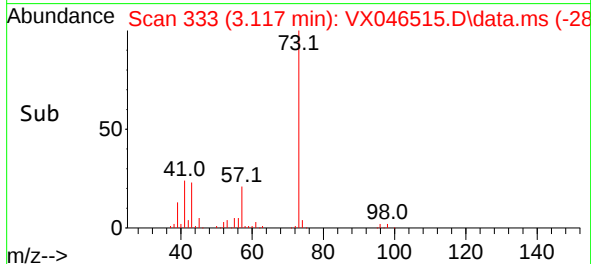
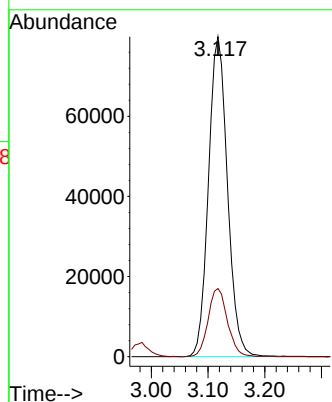
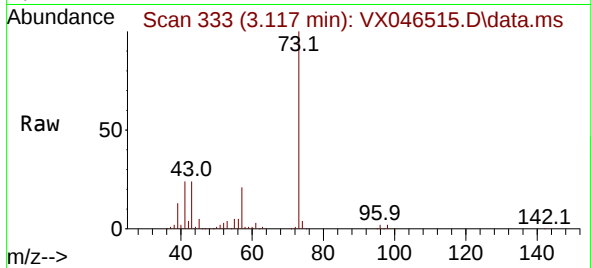




#19
Methyl tert-butyl Ether
Concen: 58.498 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

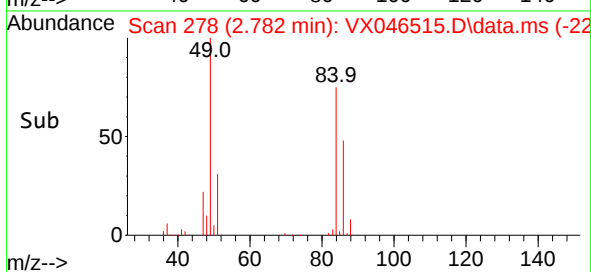
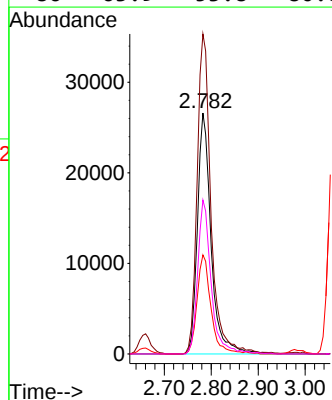
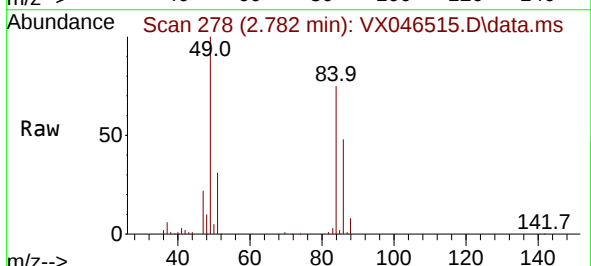
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 185809
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 49.406 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 84 Resp: 54074
Ion Ratio Lower Upper
84 100
49 132.8 113.9 170.9
51 41.1 33.5 50.3
86 63.9 53.8 80.8

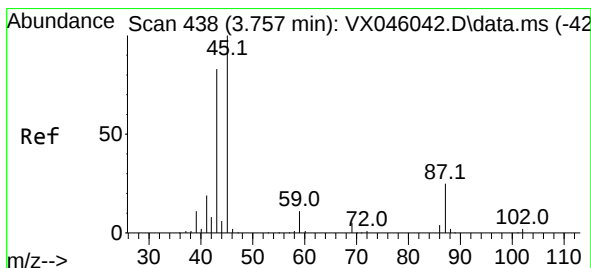
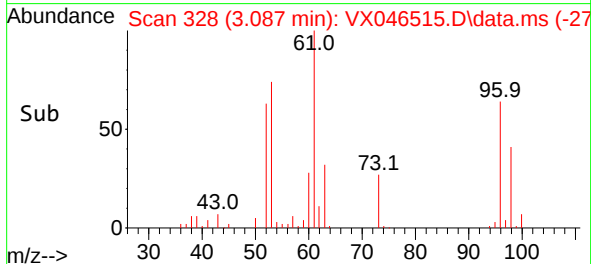
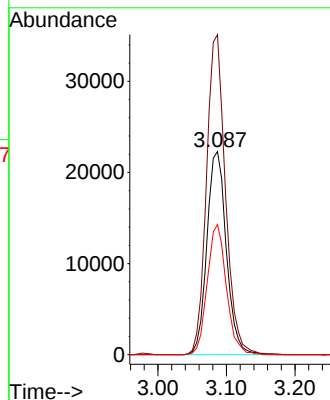
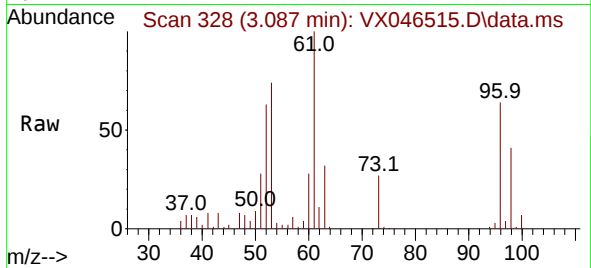




#21
trans-1,2-Dichloroethene
Concen: 48.386 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

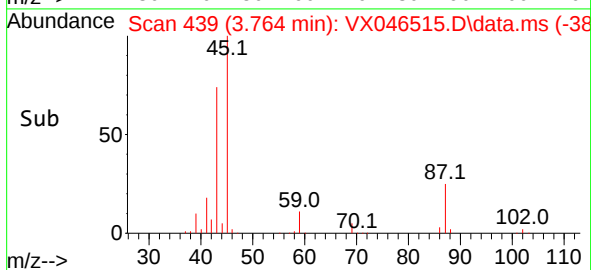
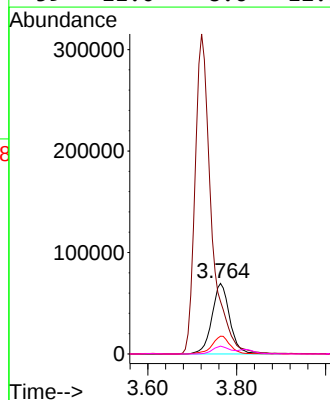
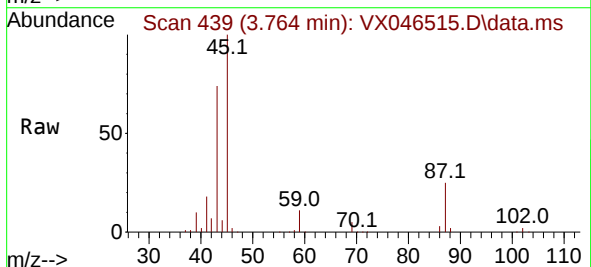
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 44085
Ion Ratio Lower Upper
96 100
61 157.5 119.5 179.3
98 64.1 50.0 75.0



#22
Diisopropyl ether
Concen: 57.837 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 45 Resp: 193445
Ion Ratio Lower Upper
45 100
43 74.2 66.6 100.0
87 25.3 19.8 29.6
59 11.0 8.6 12.8

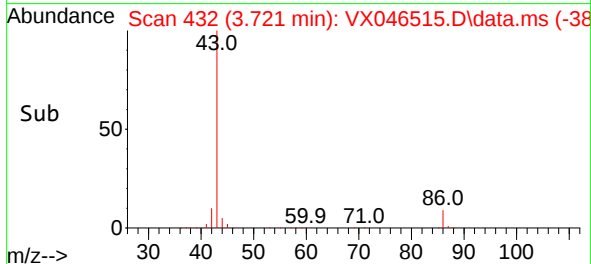
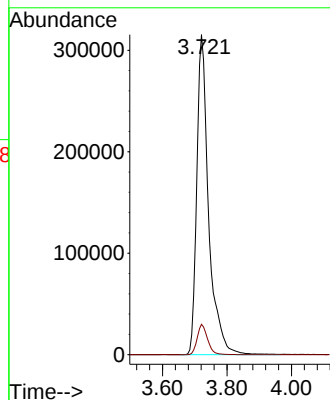
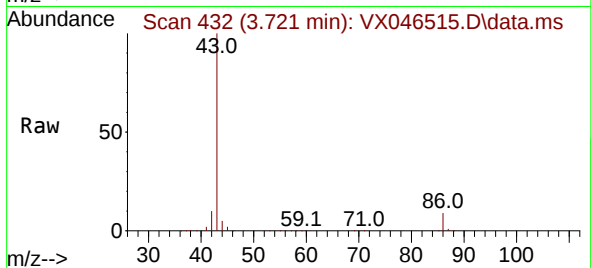




#23
 Vinyl Acetate
 Concen: 273.638 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

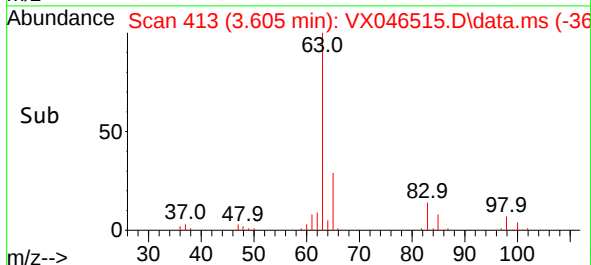
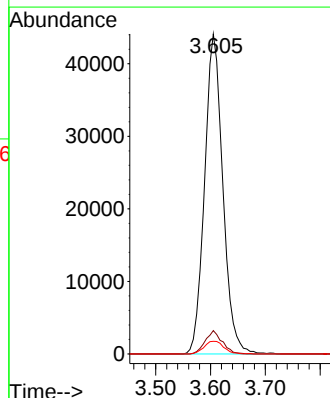
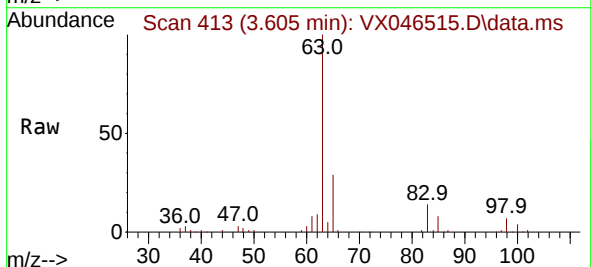
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

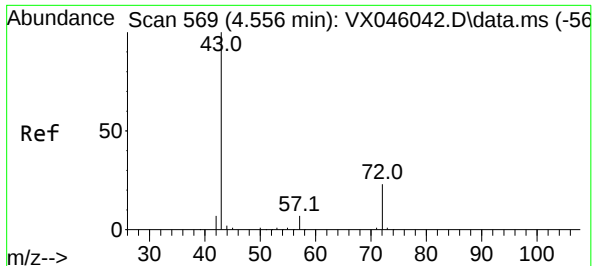
Tgt Ion: 43 Resp: 804968
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 54.713 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

Tgt Ion: 63 Resp: 101925
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 323.353 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

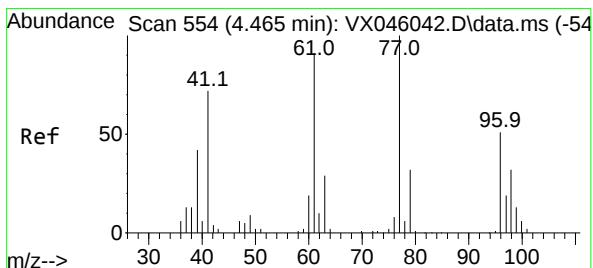
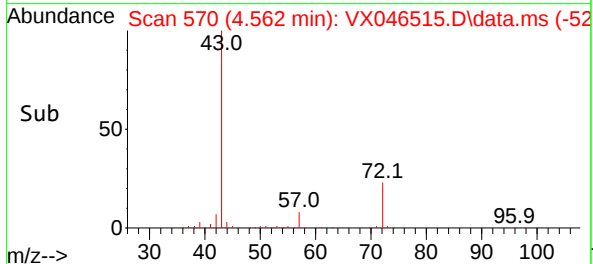
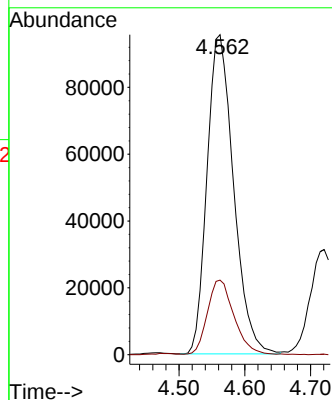
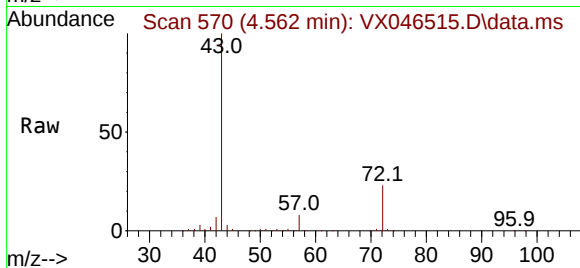
VSTDCCC050EC

Tgt Ion: 43 Resp: 268115

Ion Ratio Lower Upper

43 100

72 23.2 18.4 27.6



#26

2,2-Dichloropropane

Concen: 35.835 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX046515.D

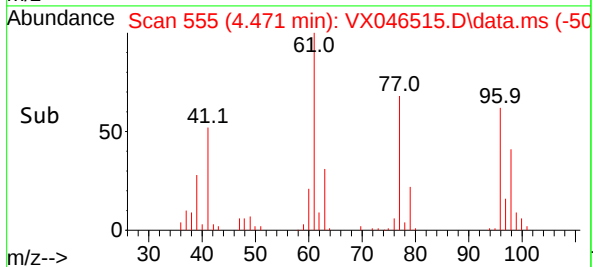
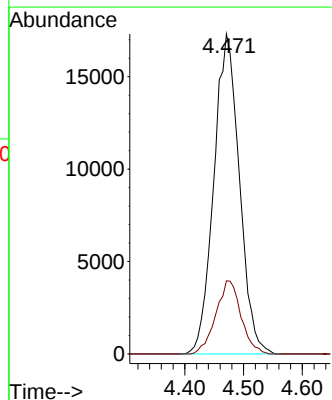
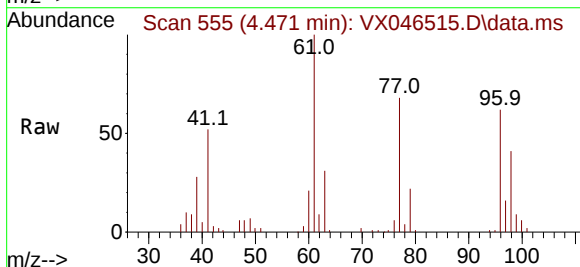
Acq: 04 Jun 2025 20:59

Tgt Ion: 77 Resp: 52251

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.810 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

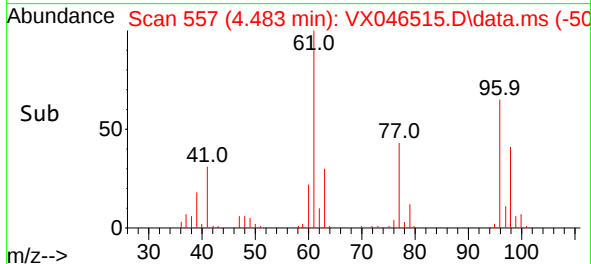
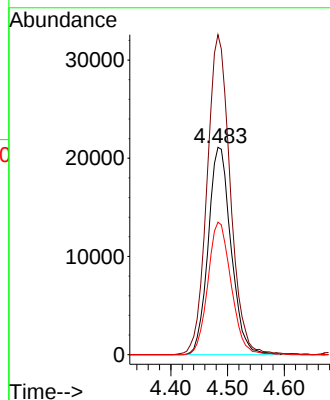
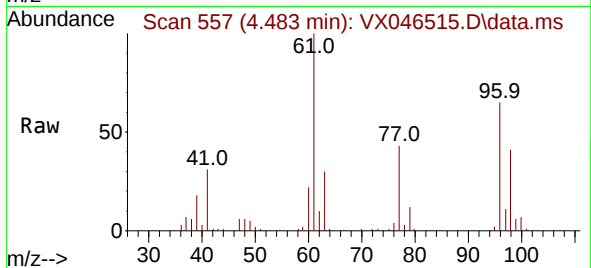
Tgt Ion: 96 Resp: 59020

Ion Ratio Lower Upper

96 100

61 157.0 0.0 322.8

98 65.0 0.0 129.0



#28

Bromochloromethane

Concen: 48.819 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

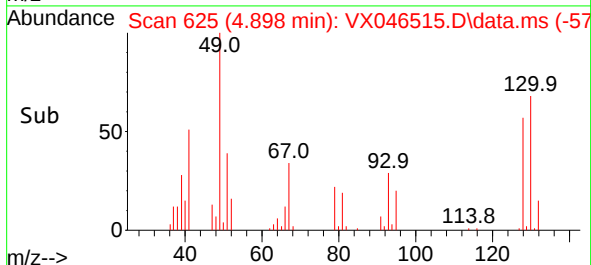
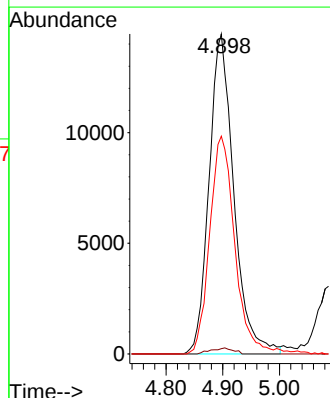
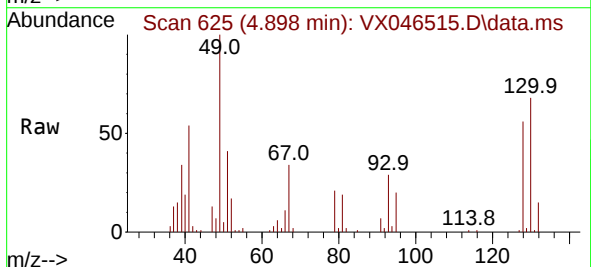
Tgt Ion: 49 Resp: 43776

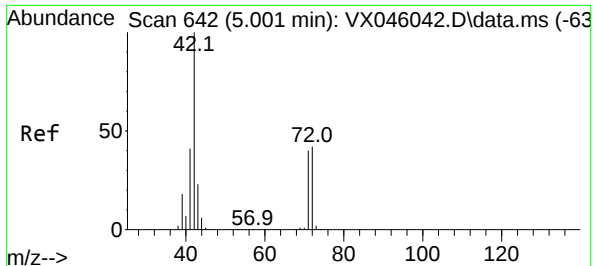
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 69.2 56.2 84.2





#29

Tetrahydrofuran

Concen: 320.023 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

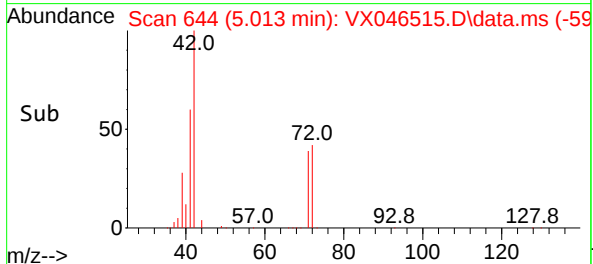
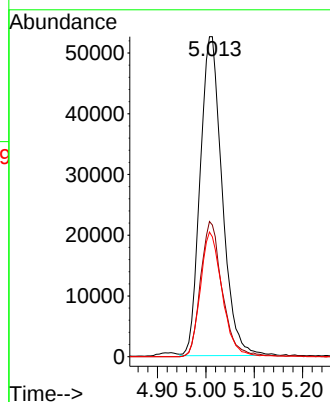
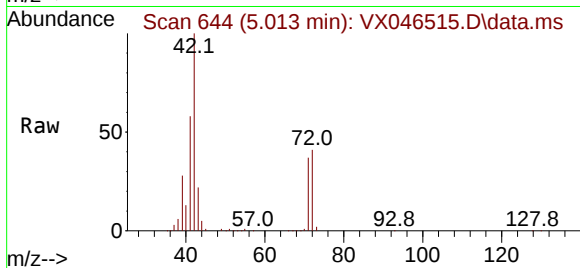
Tgt Ion: 42 Resp: 166277

Ion Ratio Lower Upper

42 100

72 41.7 33.7 50.5

71 38.6 31.4 47.2



#30

Chloroform

Concen: 54.779 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX046515.D

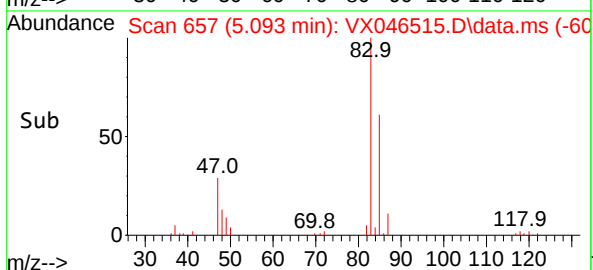
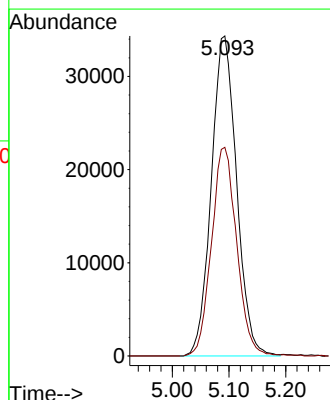
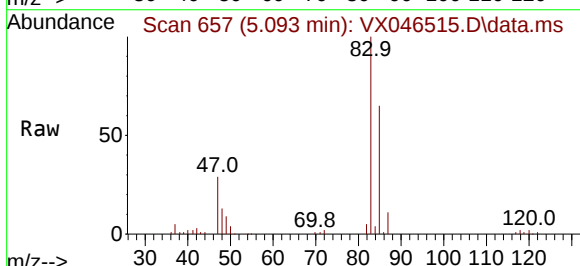
Acq: 04 Jun 2025 20:59

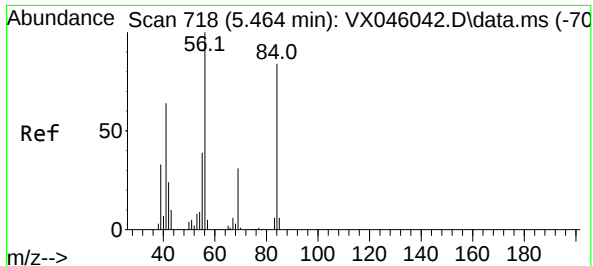
Tgt Ion: 83 Resp: 106365

Ion Ratio Lower Upper

83 100

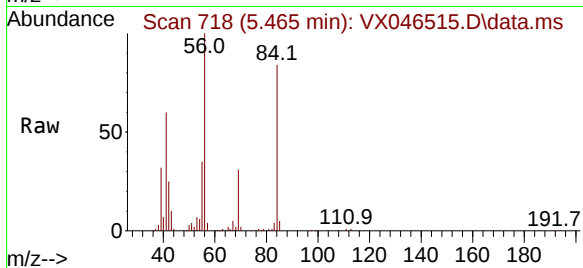
85 65.2 49.3 73.9



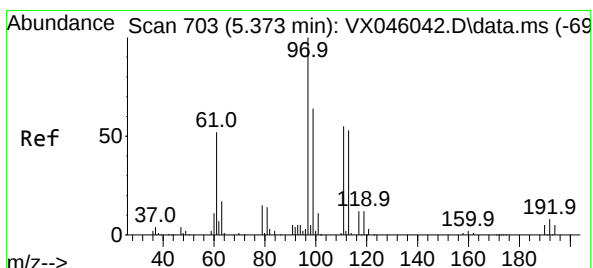
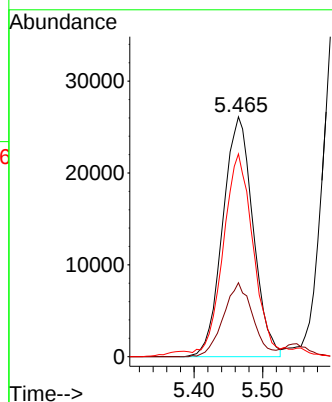
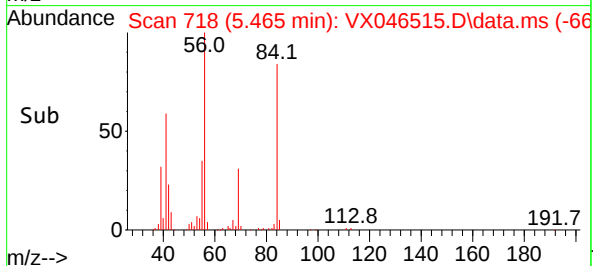


#31
Cyclohexane
Concen: 47.281 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

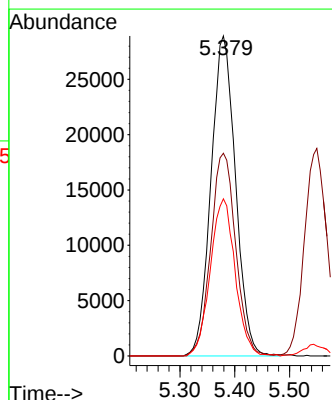
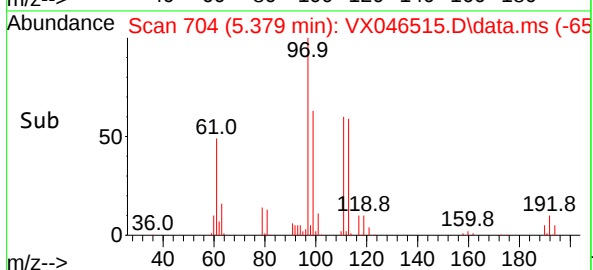
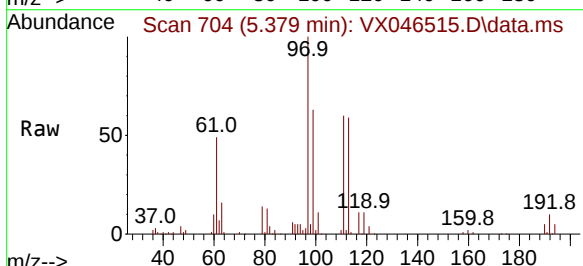


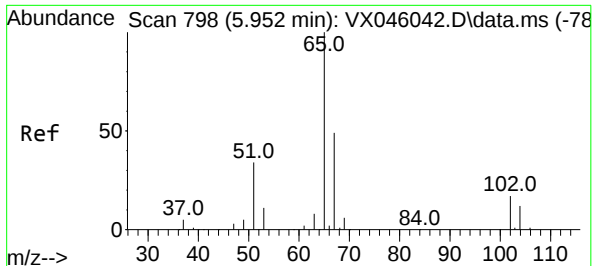
Tgt Ion: 56 Resp: 80264
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 82.3 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 53.399 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 97 Resp: 89880
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 49.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 51.668 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

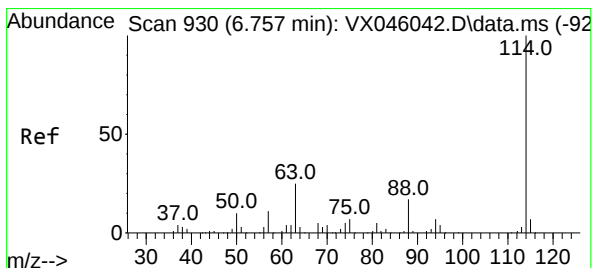
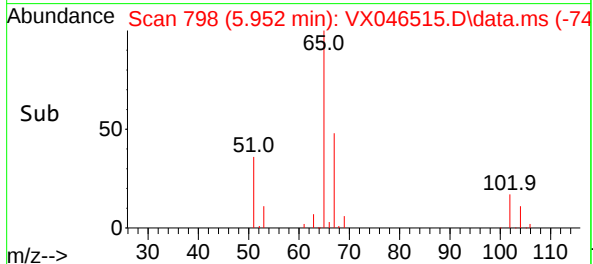
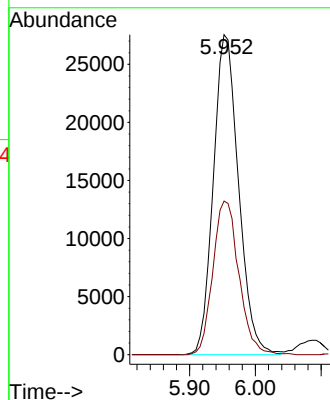
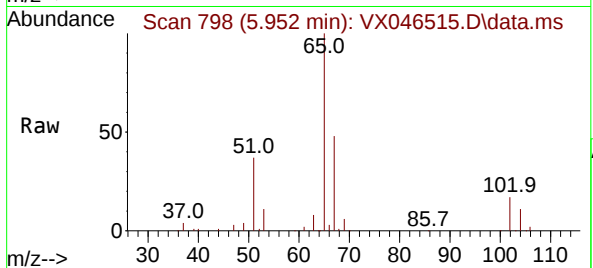
VSTDCCC050EC

Tgt Ion: 65 Resp: 73598

Ion Ratio Lower Upper

65 100

67 49.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

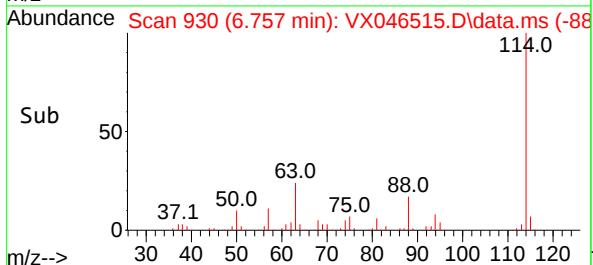
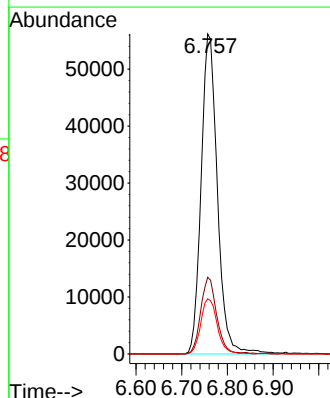
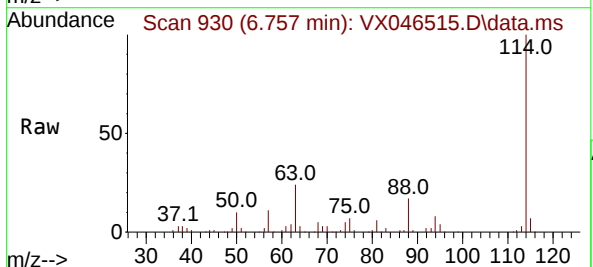
Tgt Ion: 114 Resp: 138822

Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 17.3 0.0 33.6

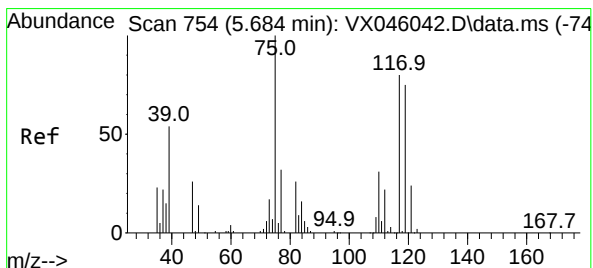
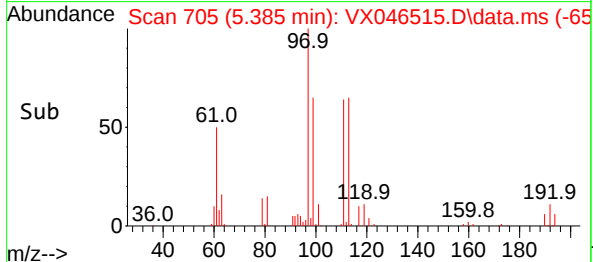
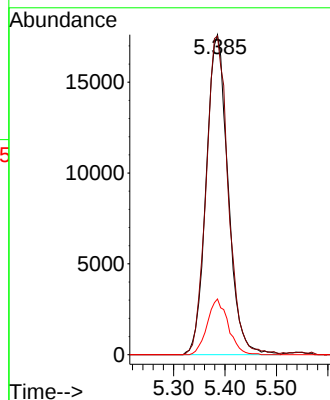
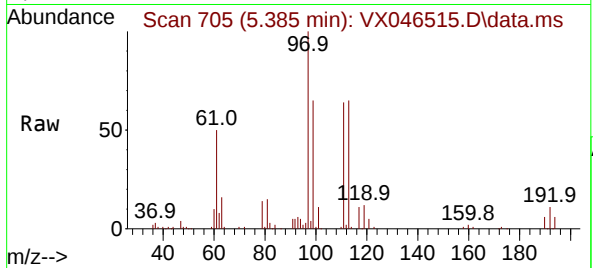




#35
Dibromofluoromethane
Concen: 52.000 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

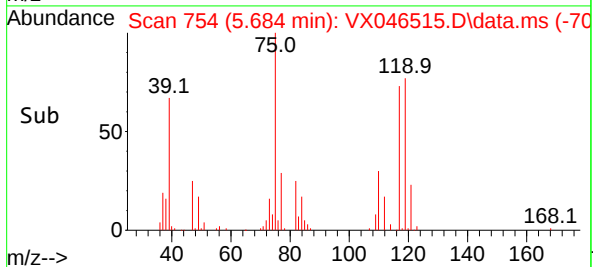
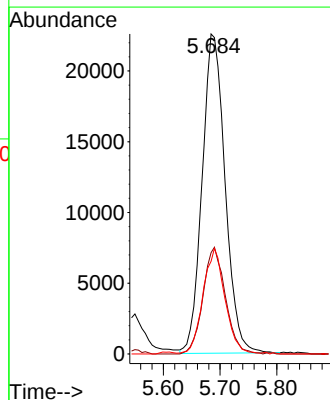
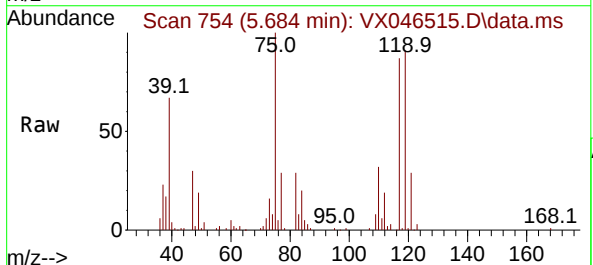
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

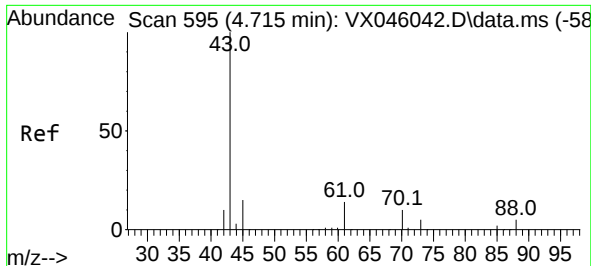
Tgt Ion:113 Resp: 51983
Ion Ratio Lower Upper
113 100
111 101.0 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 47.200 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 75 Resp: 63397
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 55.873 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

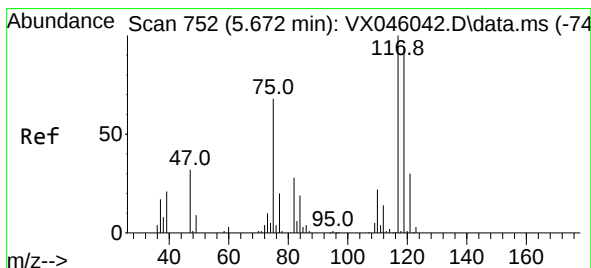
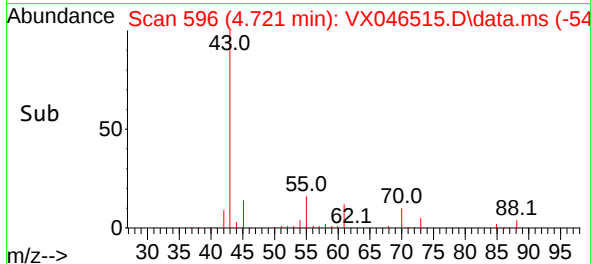
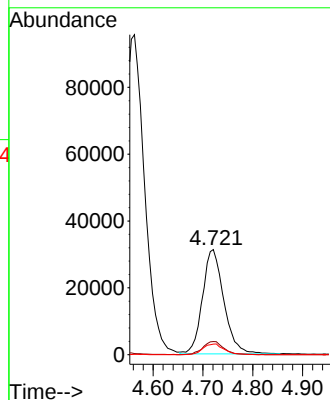
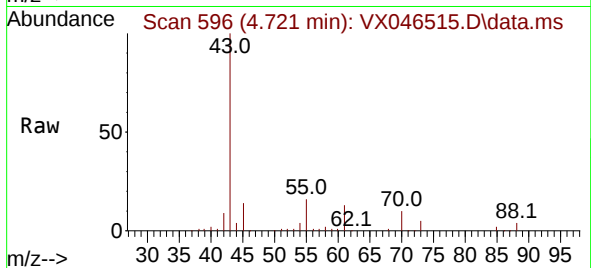
Tgt Ion: 43 Resp: 92719

Ion Ratio Lower Upper

43 100

61 12.4 10.3 15.5

70 10.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 48.047 ug/l

RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

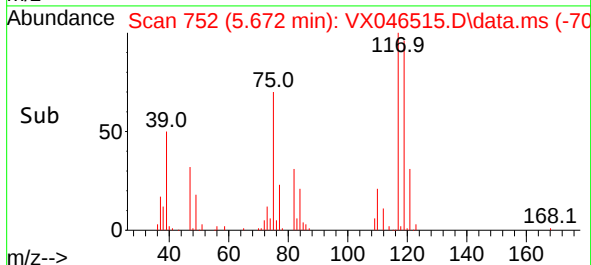
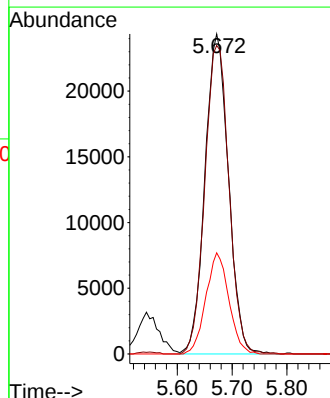
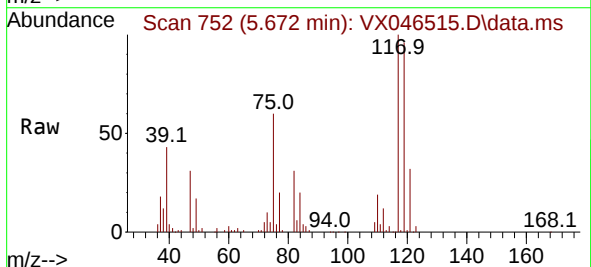
Tgt Ion: 117 Resp: 72510

Ion Ratio Lower Upper

117 100

119 96.4 75.2 112.8

121 31.6 24.2 36.4

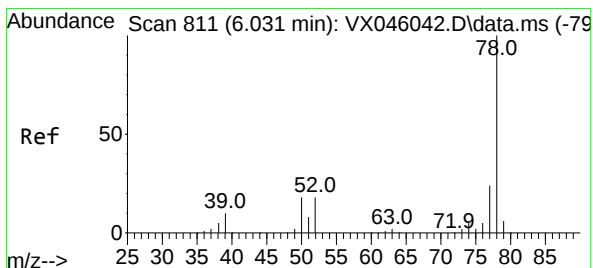
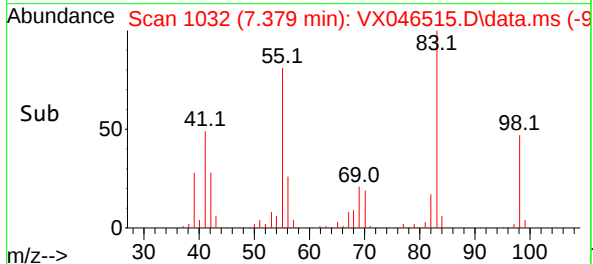
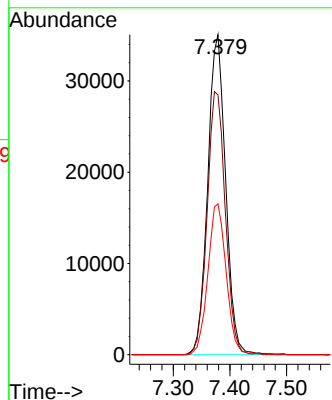
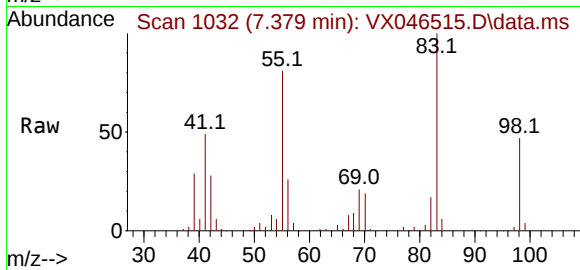




#39
Methylcyclohexane
Concen: 44.505 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

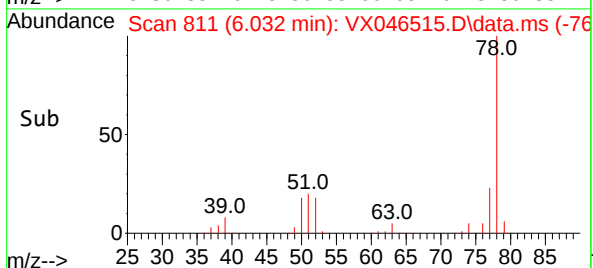
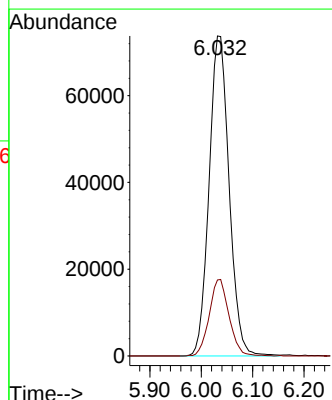
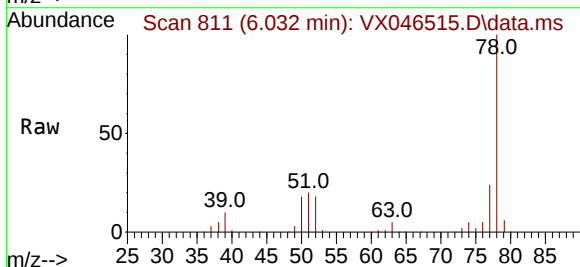
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

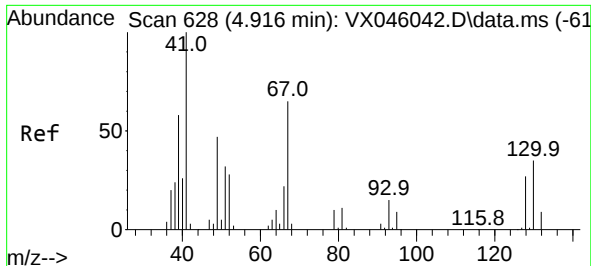
Tgt Ion: 83 Resp: 76958
Ion Ratio Lower Upper
83 100
55 81.2 64.7 97.1
98 47.1 37.4 56.2



#40
Benzene
Concen: 50.723 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 78 Resp: 199556
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

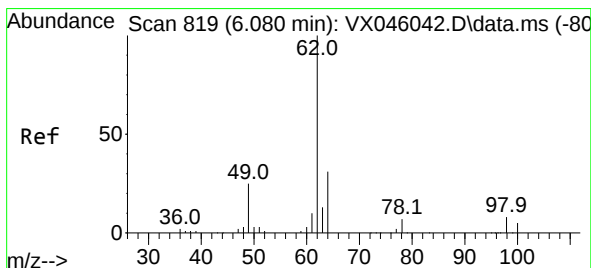
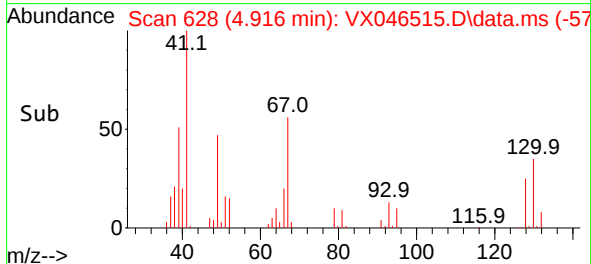
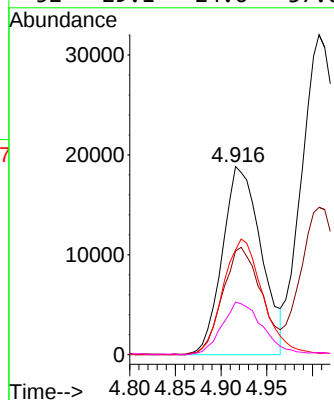
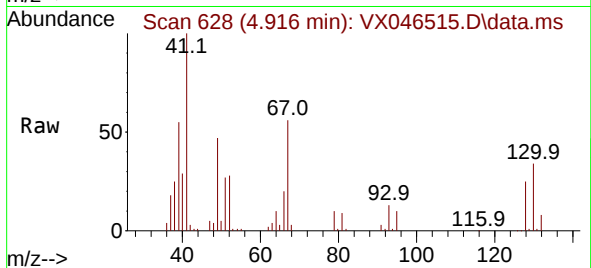




#41
Methacrylonitrile
Concen: 64.072 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

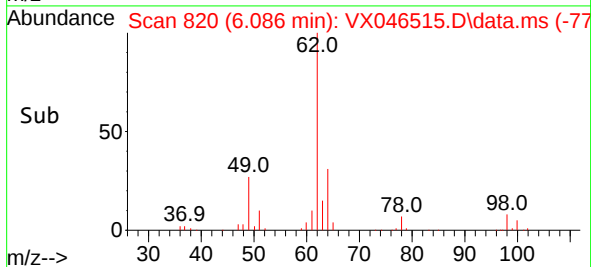
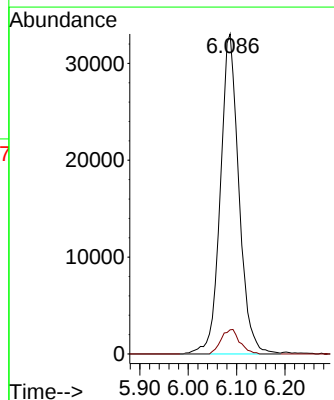
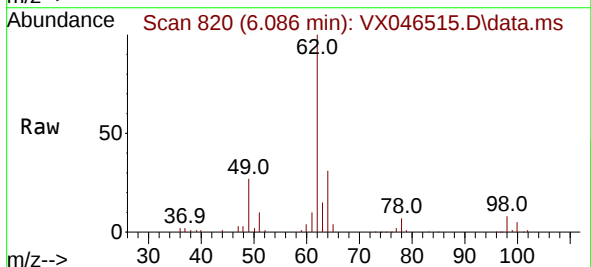
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	55620
Ion	Ratio	Lower	Upper
41	100		
39	57.5	47.2	70.8
67	63.0	50.7	76.1
52	29.1	24.6	37.0



#42
1,2-Dichloroethane
Concen: 51.847 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion:	62	Resp:	88035
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2

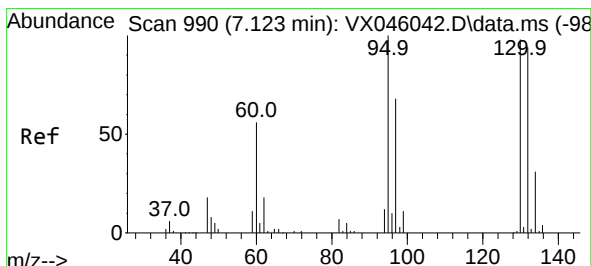
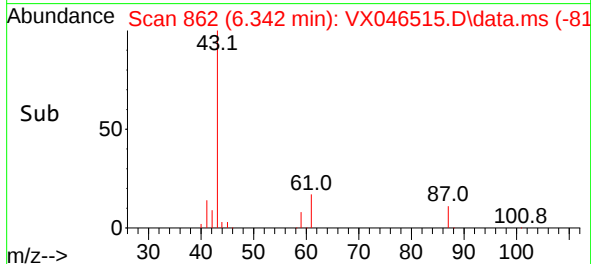
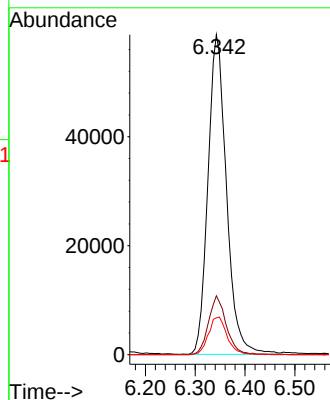
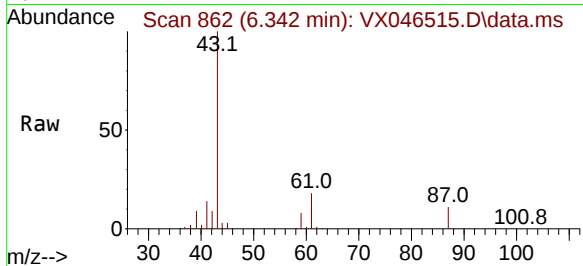




#43
Isopropyl Acetate
Concen: 59.801 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

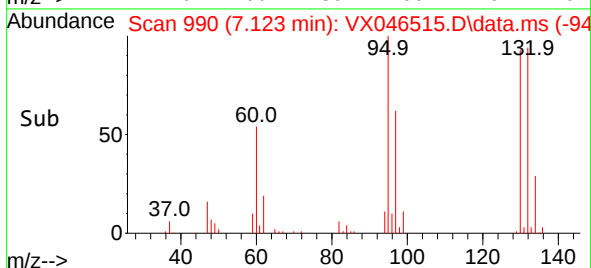
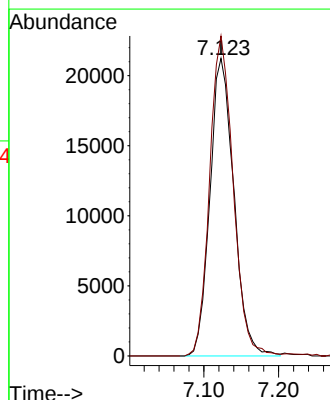
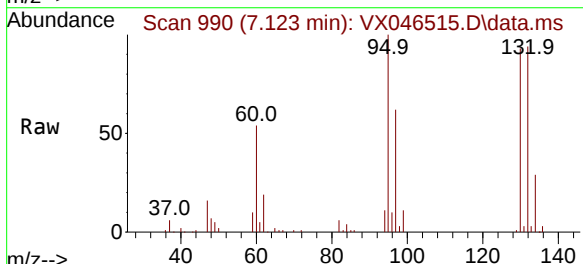
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

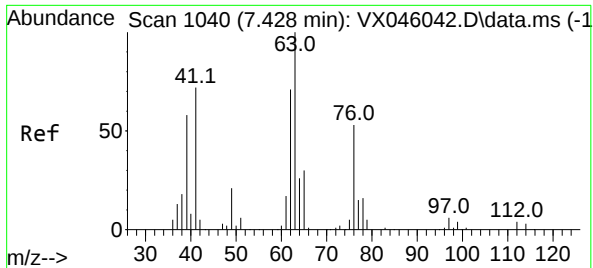
Tgt Ion: 43 Resp: 151393
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 11.9 9.5 14.3



#44
Trichloroethene
Concen: 49.827 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion:130 Resp: 47181
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.2

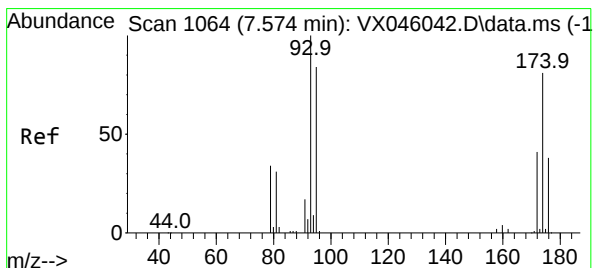
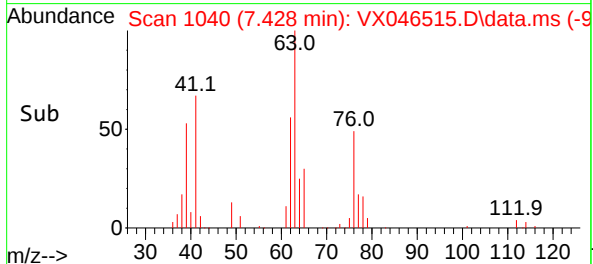
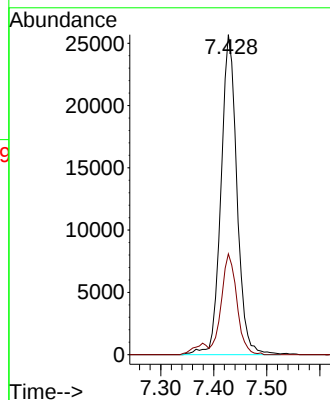
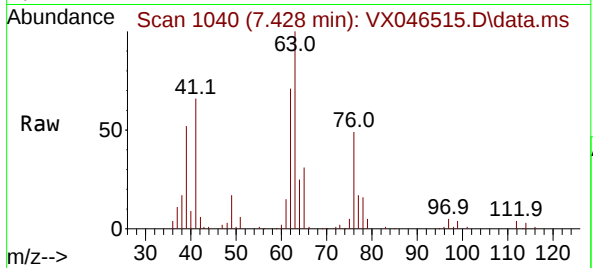




#45
1,2-Dichloropropane
Concen: 55.019 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

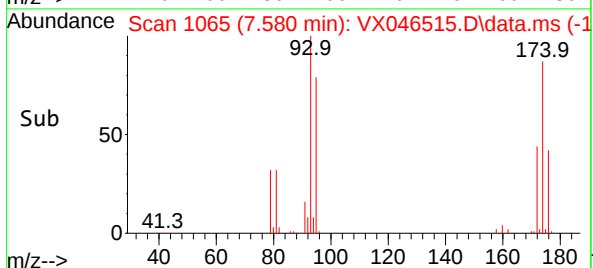
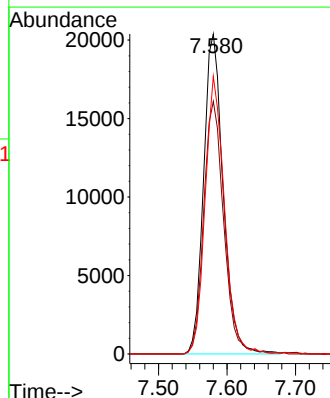
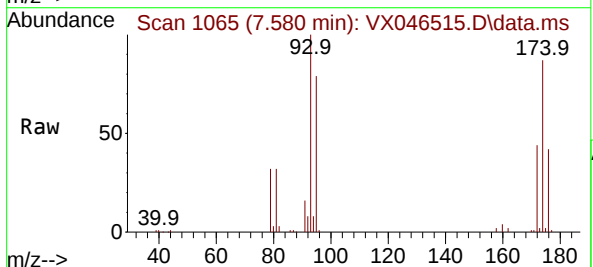
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

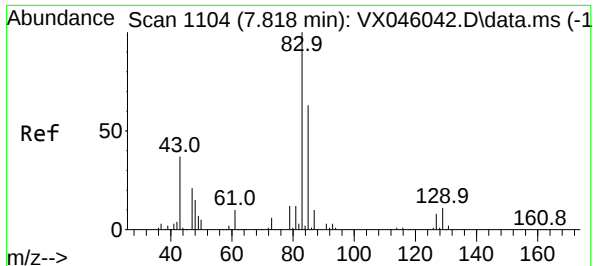
Tgt Ion: 63 Resp: 53823
Ion Ratio Lower Upper
63 100
65 31.5 24.1 36.1



#46
Dibromomethane
Concen: 52.511 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 93 Resp: 40516
Ion Ratio Lower Upper
93 100
95 80.9 65.6 98.4
174 85.7 68.2 102.2

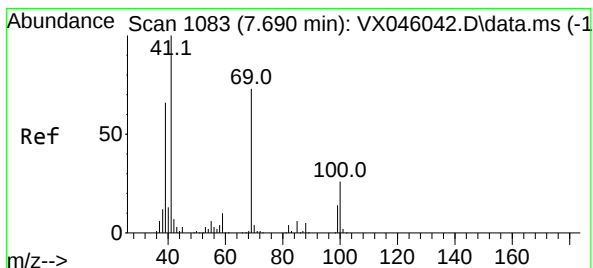
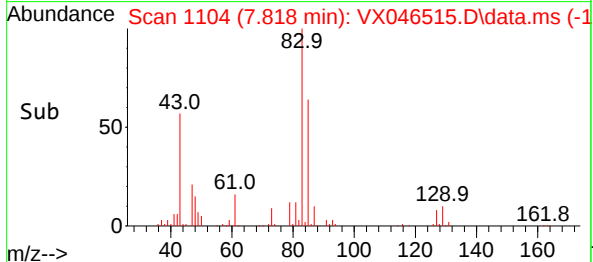
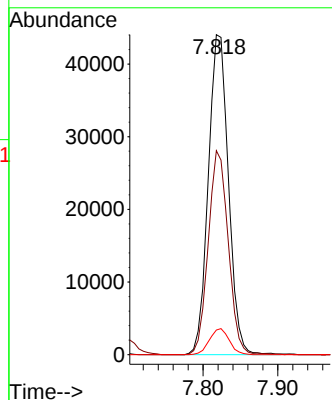
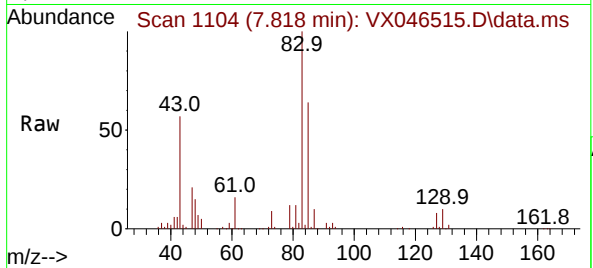




#47
Bromodichloromethane
Concen: 54.235 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

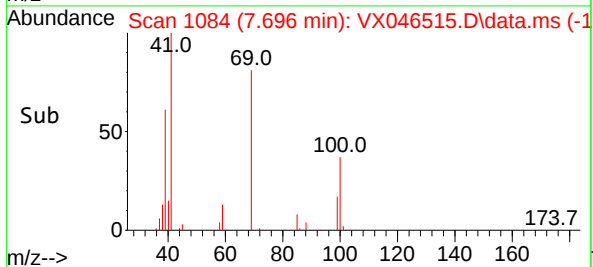
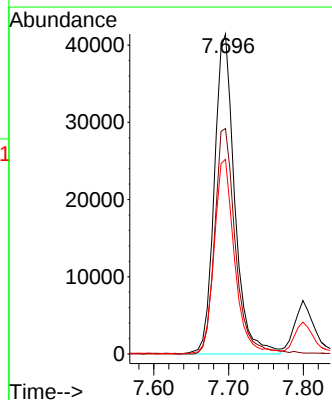
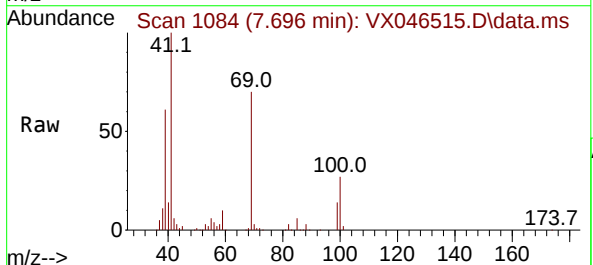
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

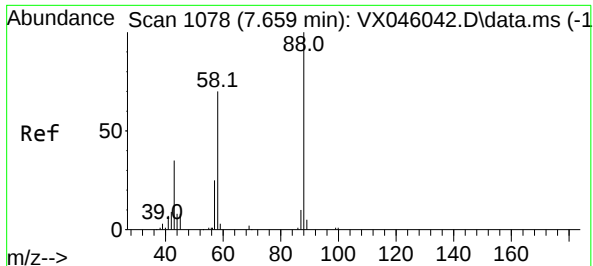
Tgt Ion: 83 Resp: 82419
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 7.7 6.5 9.7



#48
Methyl methacrylate
Concen: 60.699 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 41 Resp: 78479
Ion Ratio Lower Upper
41 100
69 72.0 58.5 87.7
39 61.2 51.7 77.5





#49

1,4-Dioxane

Concen: 1227.019 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

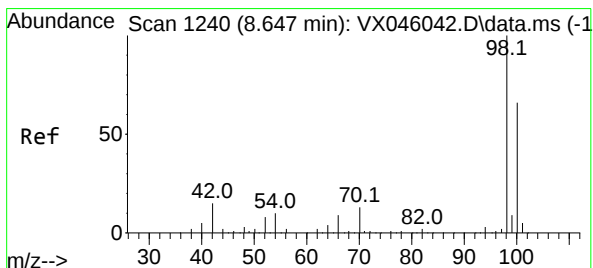
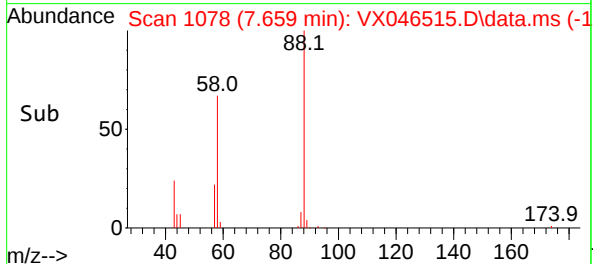
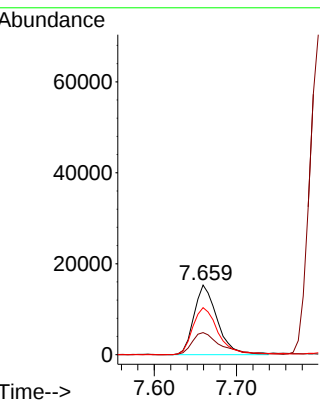
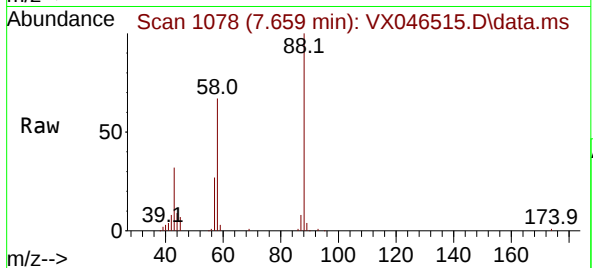
Tgt Ion: 88 Resp: 30122

Ion Ratio Lower Upper

88 100

43 39.7 33.4 50.2

58 74.2 58.6 88.0



#50

Toluene-d8

Concen: 48.236 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046515.D

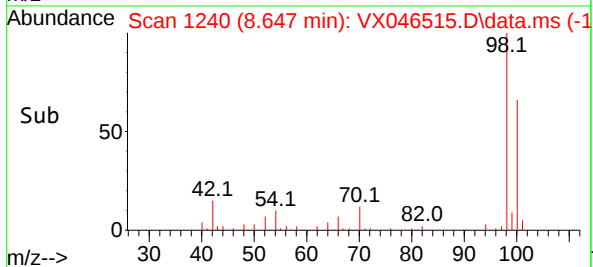
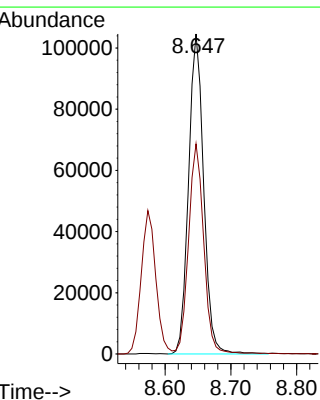
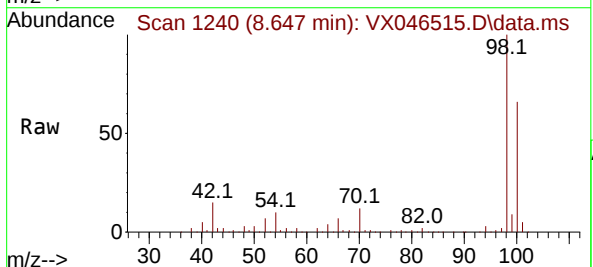
Acq: 04 Jun 2025 20:59

Tgt Ion: 98 Resp: 166897

Ion Ratio Lower Upper

98 100

100 65.0 53.5 80.3

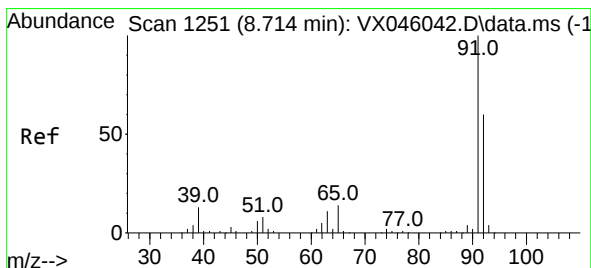
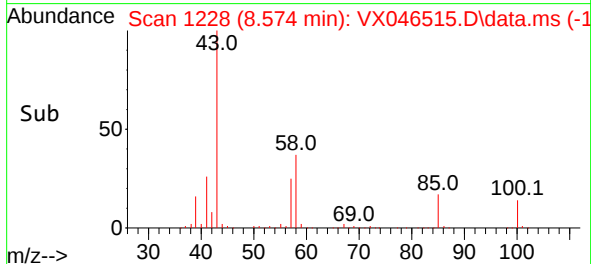
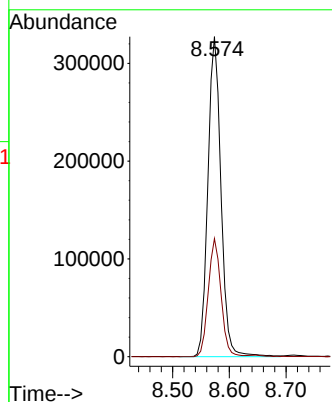
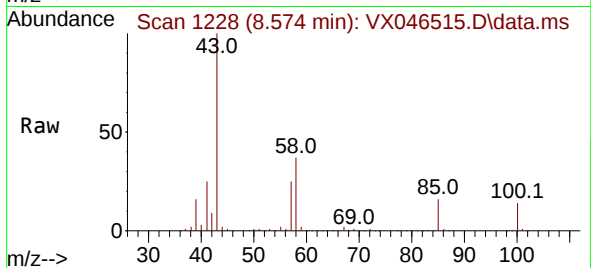




#51
4-Methyl-2-Pentanone
Concen: 311.563 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

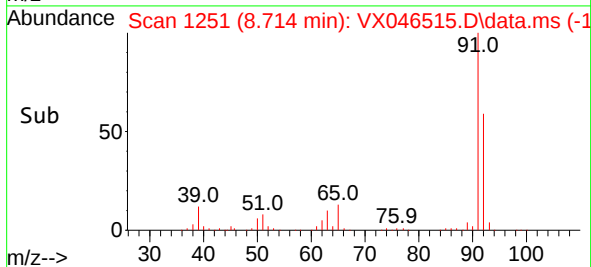
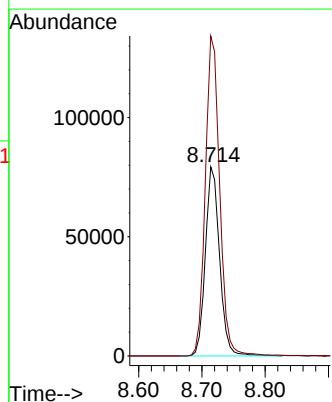
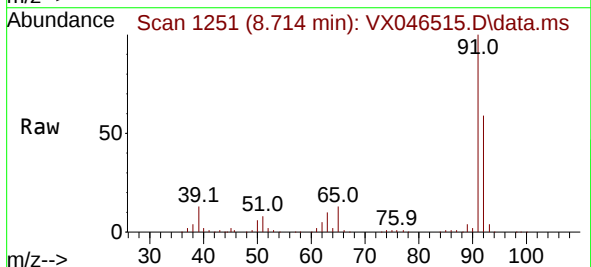
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

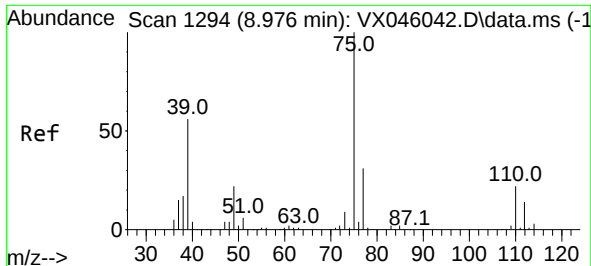
Tgt Ion: 43 Resp: 523565
Ion Ratio Lower Upper
43 100
58 35.9 28.9 43.3



#52
Toluene
Concen: 51.449 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 92 Resp: 124115
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0

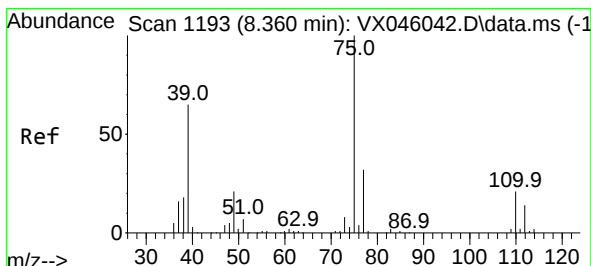
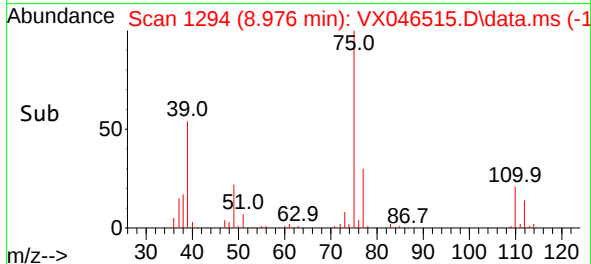
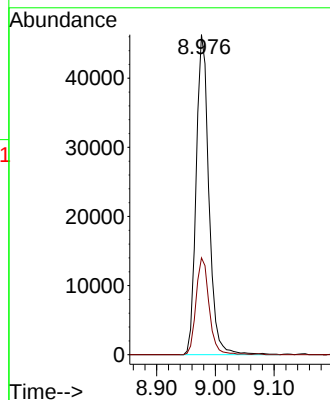
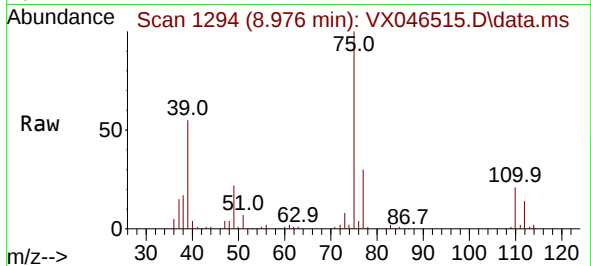




#53
 t-1,3-Dichloropropene
 Concen: 51.611 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

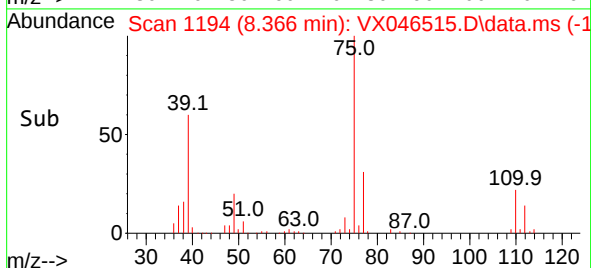
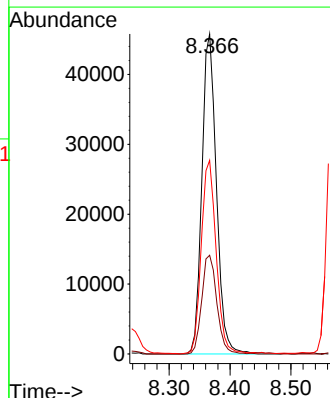
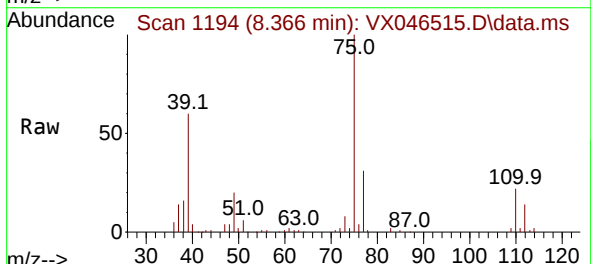
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

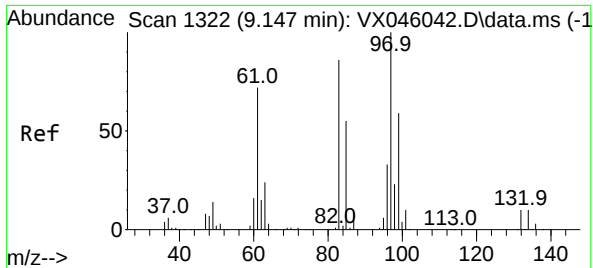
Tgt Ion: 75 Resp: 69714
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.977 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX046515.D
 Acq: 04 Jun 2025 20:59

Tgt Ion: 75 Resp: 76104
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 60.5 52.2 78.4

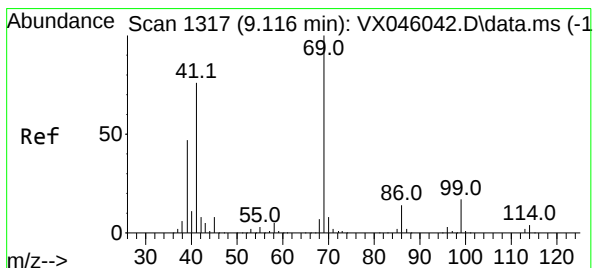
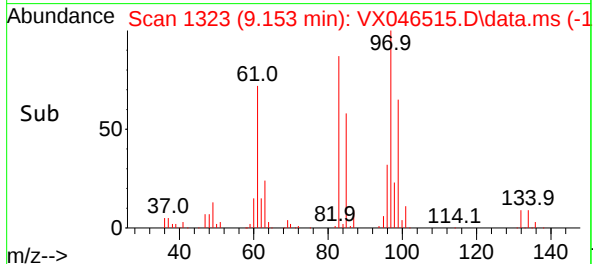
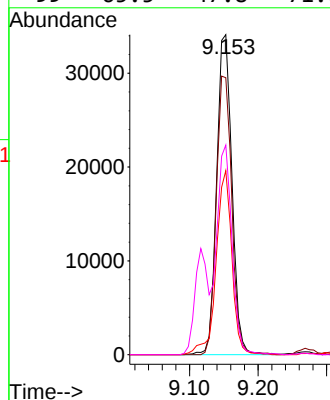
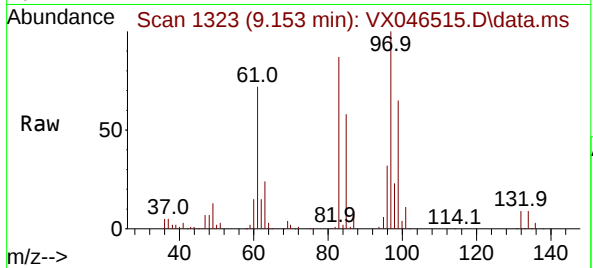




#55
1,1,2-Trichloroethane
Concen: 55.470 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

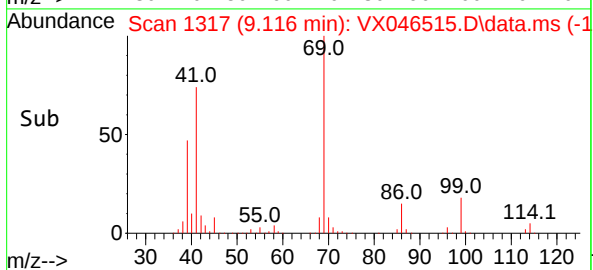
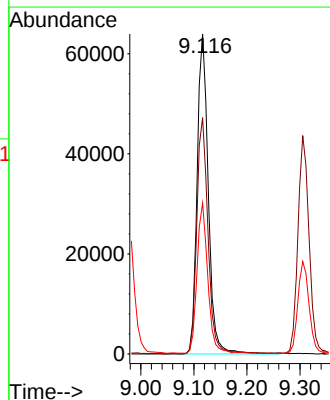
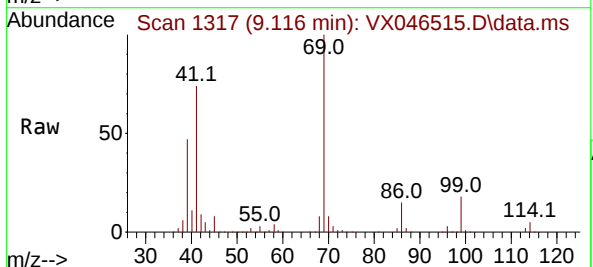
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

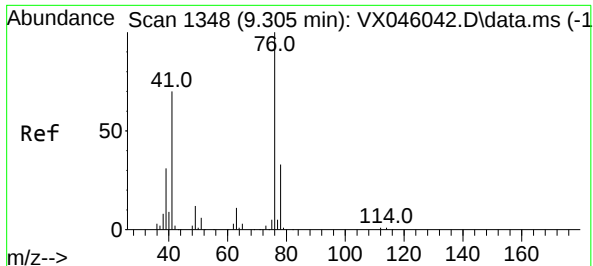
Tgt Ion: 97	Resp: 52764
Ion Ratio	Lower Upper
97 100	
83 86.6	69.0 103.6
85 57.5	44.3 66.5
99 65.5	47.8 71.6



#56
Ethyl methacrylate
Concen: 61.564 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 69	Resp: 93333
Ion Ratio	Lower Upper
69 100	
41 74.7	60.8 91.2
39 44.9	39.0 58.6





#57

1,3-Dichloropropane

Concen: 53.616 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

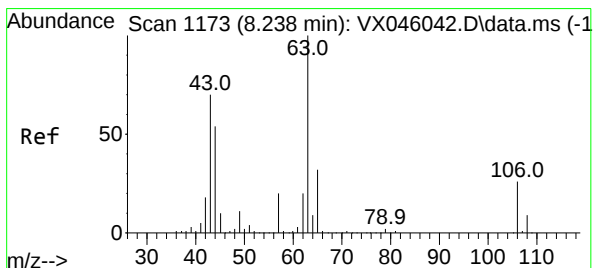
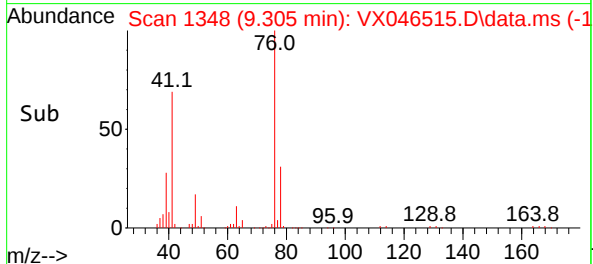
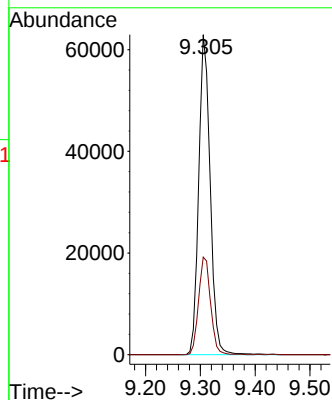
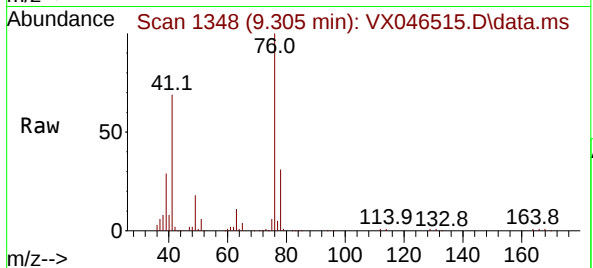
VSTDCCC050EC

Tgt Ion: 76 Resp: 91593

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 295.213 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046515.D

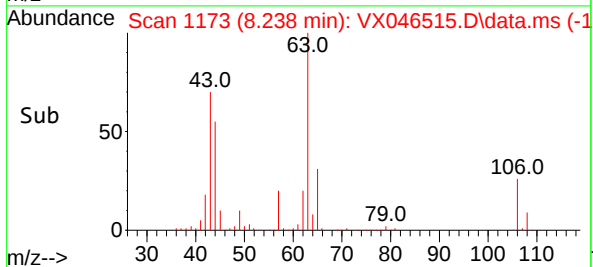
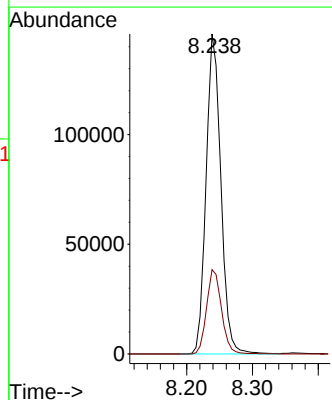
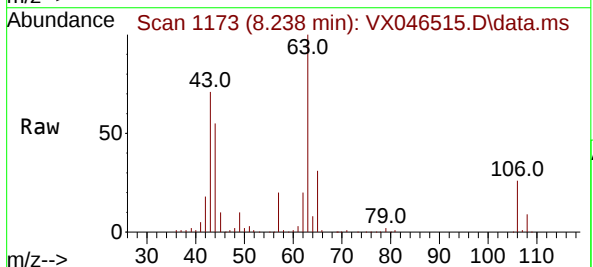
Acq: 04 Jun 2025 20:59

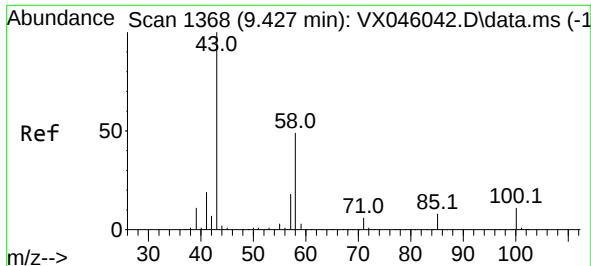
Tgt Ion: 63 Resp: 228169

Ion Ratio Lower Upper

63 100

106 26.6 21.5 32.3





#59

2-Hexanone

Concen: 323.219 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

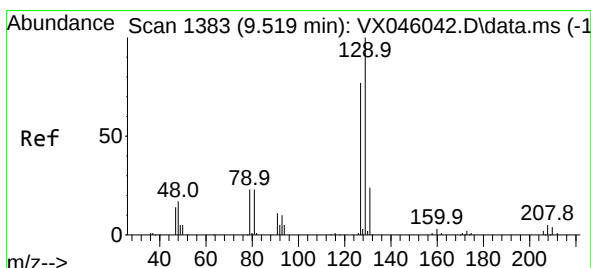
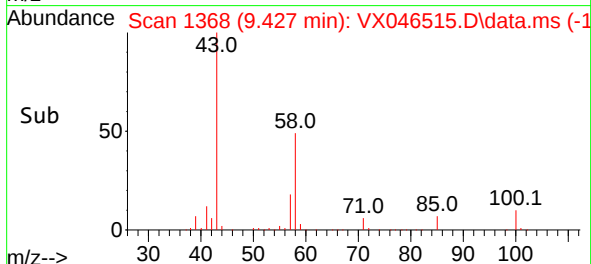
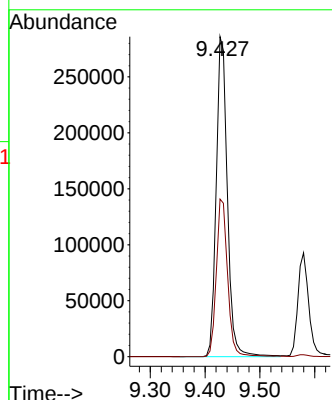
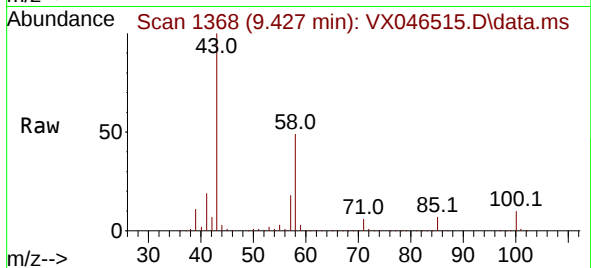
VSTDCCC050EC

Tgt Ion: 43 Resp: 401842

Ion Ratio Lower Upper

43 100

58 50.1 24.9 74.6



#60

Dibromochloromethane

Concen: 54.597 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX046515.D

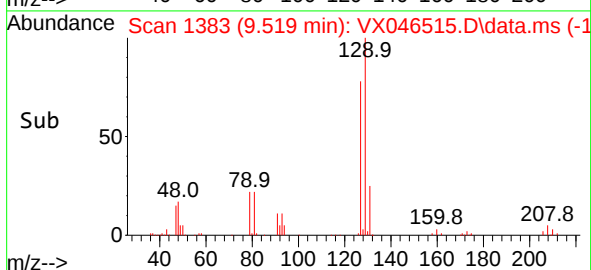
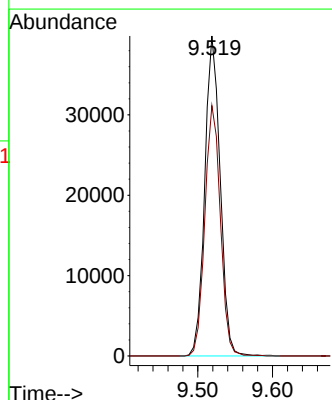
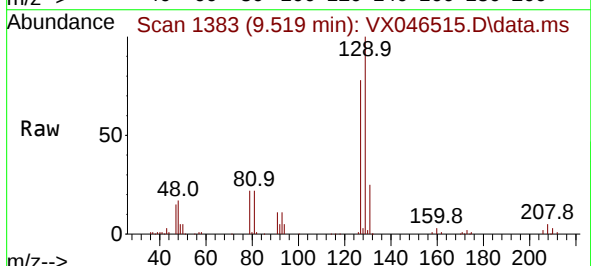
Acq: 04 Jun 2025 20:59

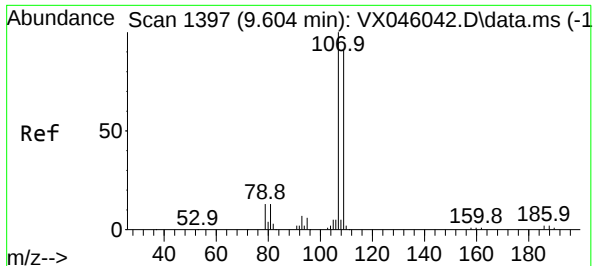
Tgt Ion: 129 Resp: 57035

Ion Ratio Lower Upper

129 100

127 78.8 39.3 117.8

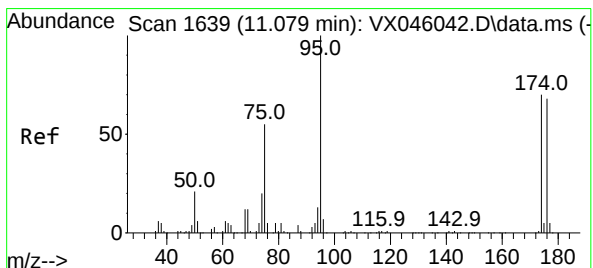
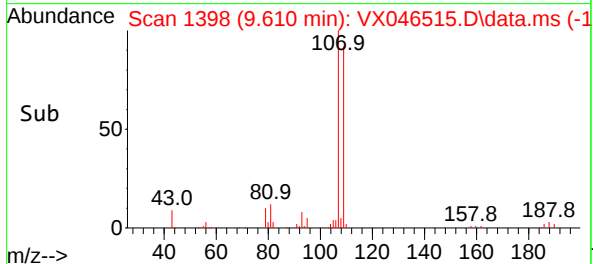
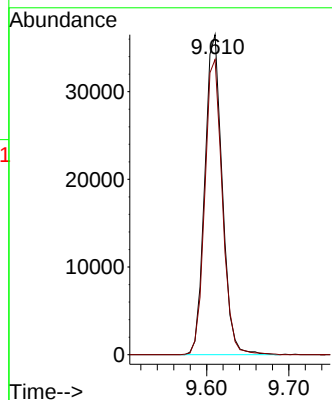
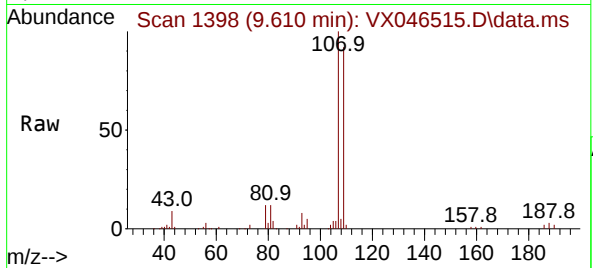




#61
1,2-Dibromoethane
Concen: 54.346 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

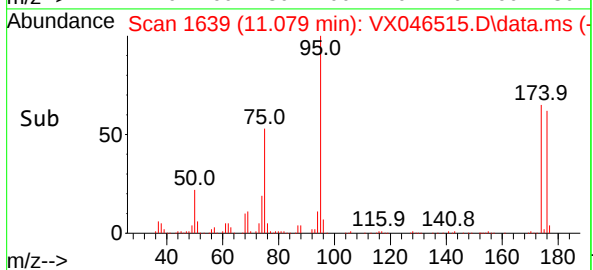
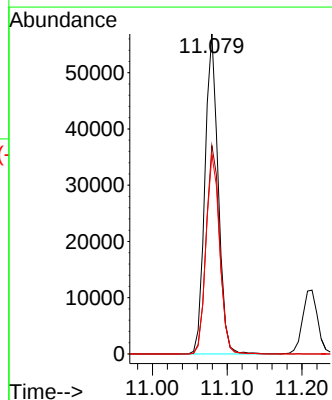
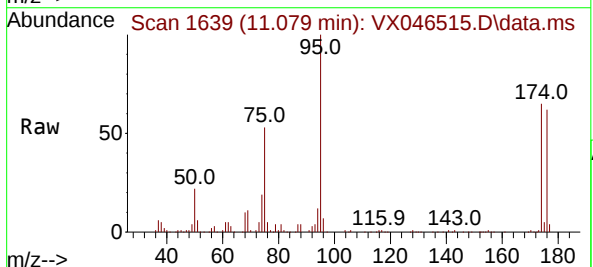
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

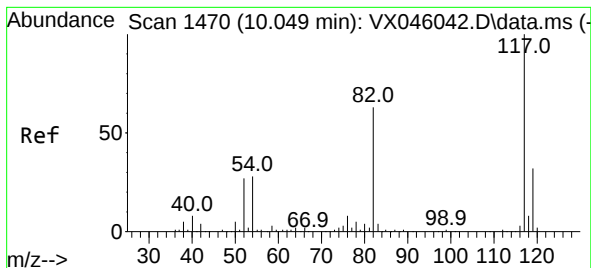
Tgt Ion:107 Resp: 53729
Ion Ratio Lower Upper
107 100
109 93.1 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 52.670 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 95 Resp: 69904
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 64.1 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

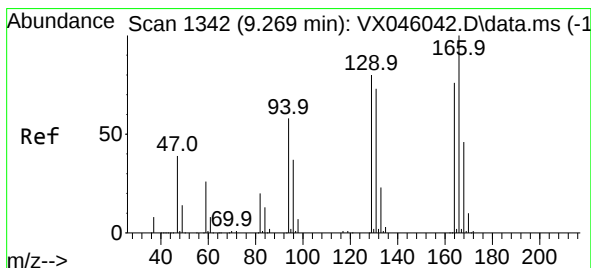
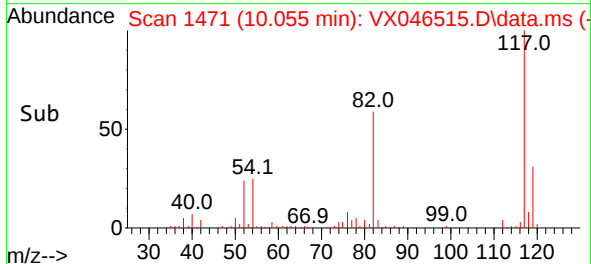
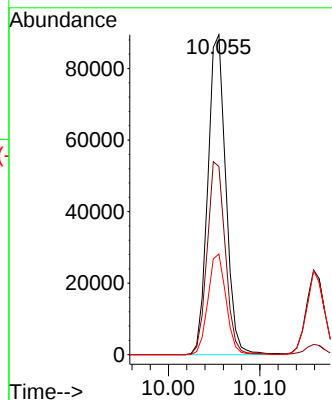
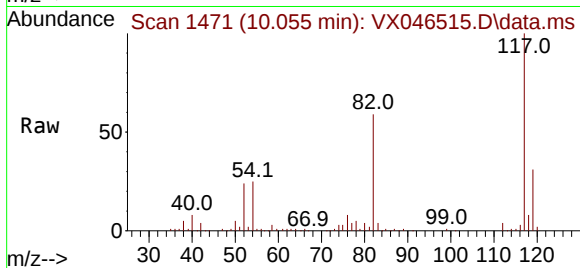
Tgt Ion:117 Resp: 122045

Ion Ratio Lower Upper

117 100

82 58.8 50.6 76.0

119 31.5 25.8 38.6



#64

Tetrachloroethene

Concen: 47.343 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Tgt Ion:164 Resp: 40882

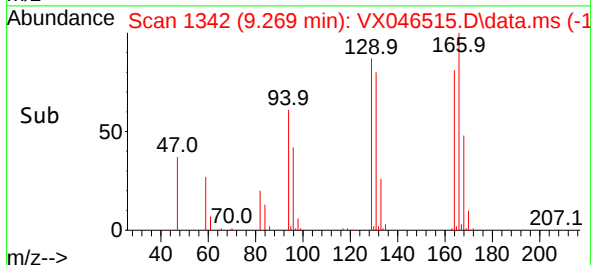
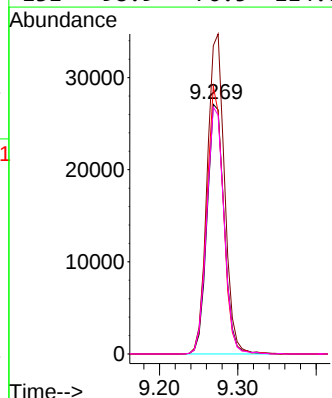
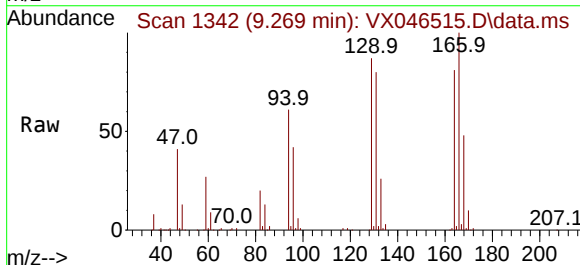
Ion Ratio Lower Upper

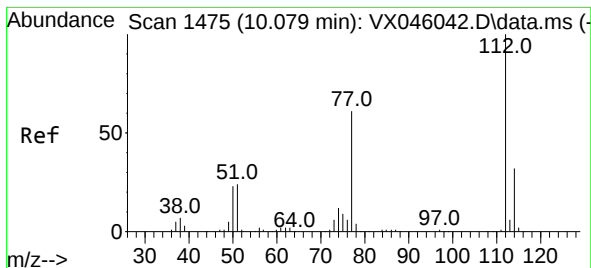
164 100

166 123.5 105.0 157.6

129 107.2 83.5 125.3

131 98.9 76.5 114.7





#65

Chlorobenzene

Concen: 51.425 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

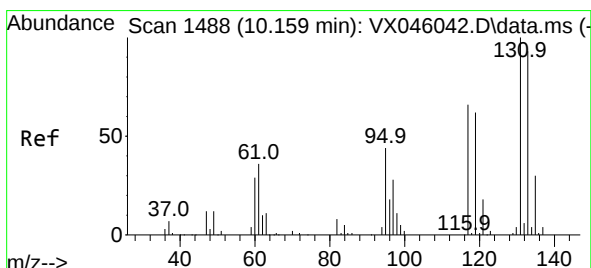
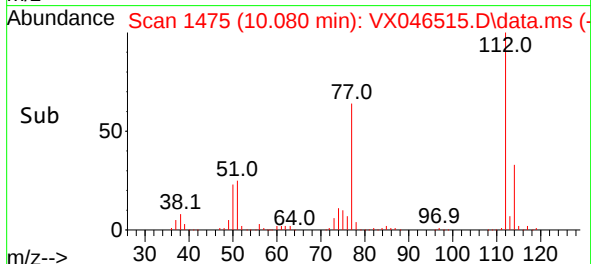
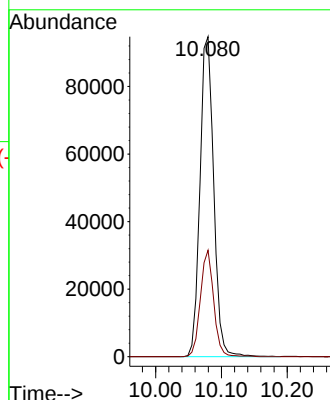
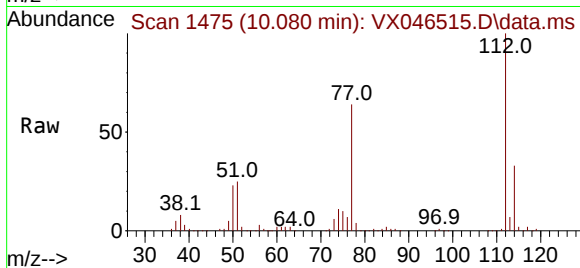
VSTDCCC050EC

Tgt Ion:112 Resp: 137369

Ion Ratio Lower Upper

112 100

114 33.3 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 55.049 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

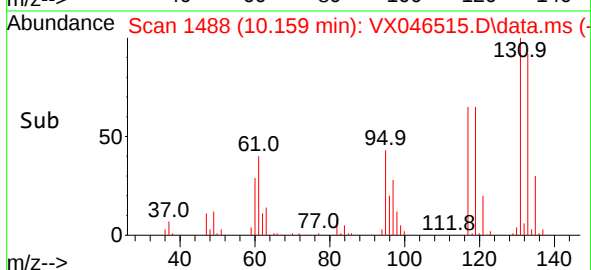
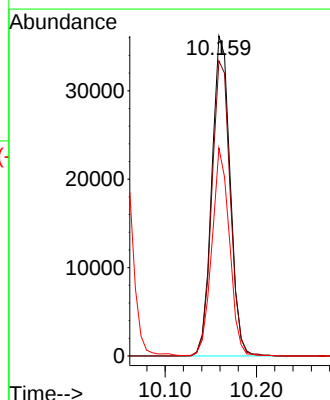
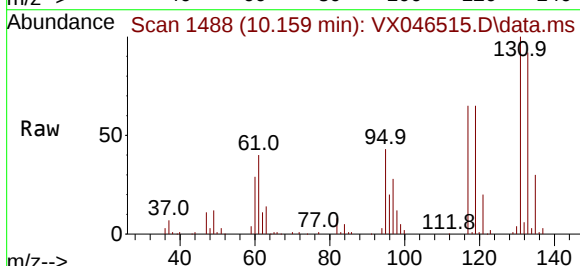
Tgt Ion:131 Resp: 50213

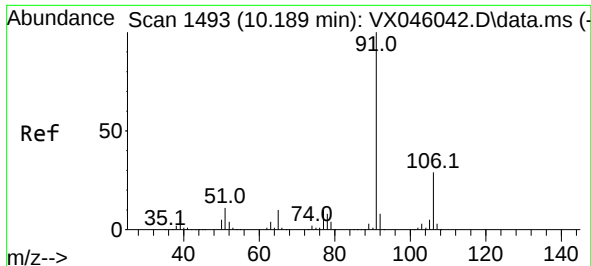
Ion Ratio Lower Upper

131 100

133 93.1 47.3 141.9

119 62.5 31.6 95.0





#67

Ethyl Benzene

Concen: 52.599 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

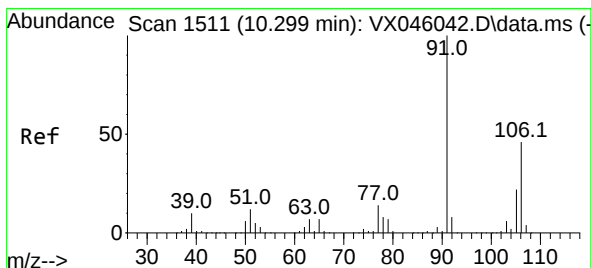
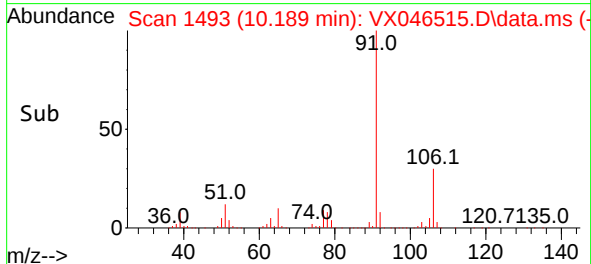
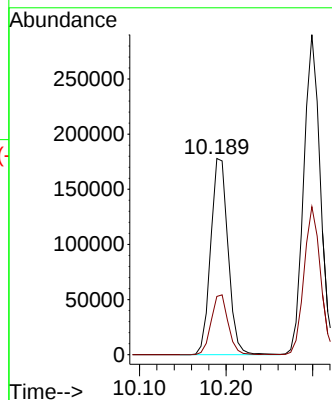
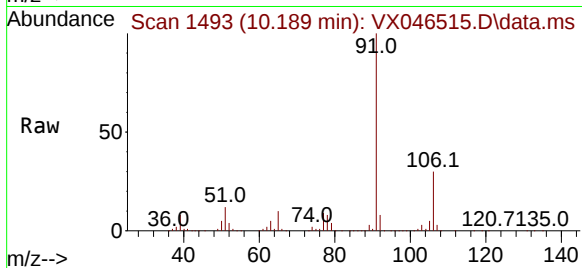
VSTDCCC050EC

Tgt Ion: 91 Resp: 247674

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2



#68

m/p-Xylenes

Concen: 104.060 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046515.D

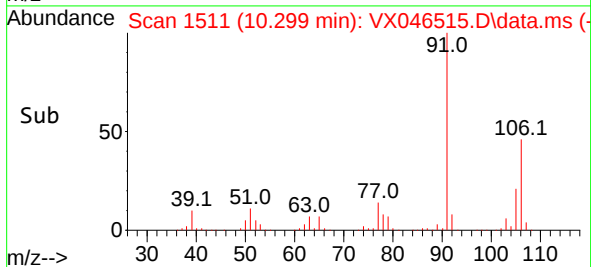
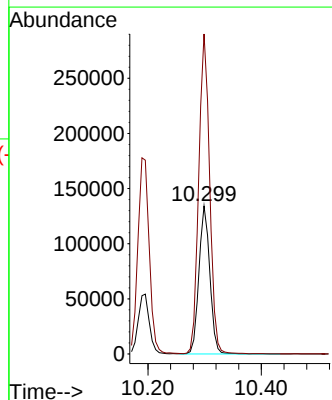
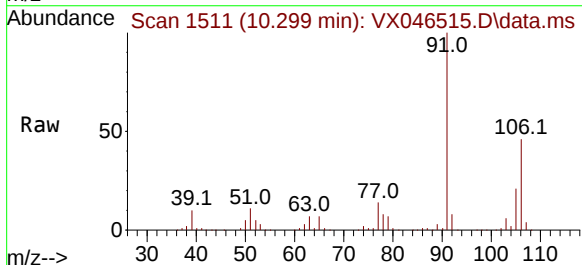
Acq: 04 Jun 2025 20:59

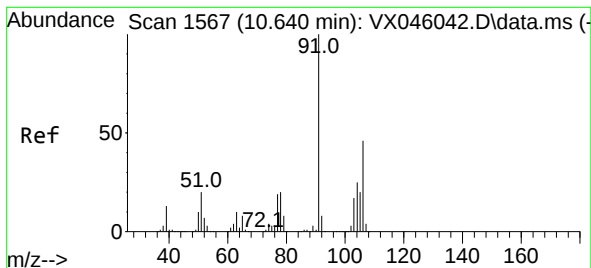
Tgt Ion:106 Resp: 179210

Ion Ratio Lower Upper

106 100

91 215.7 171.2 256.8





#69

o-Xylene

Concen: 54.105 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

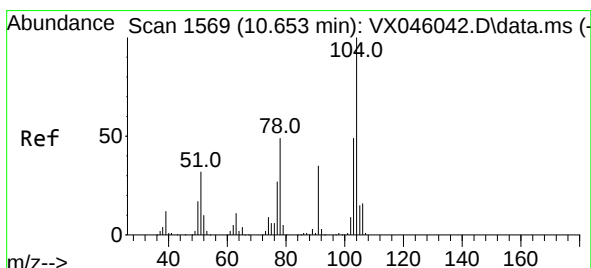
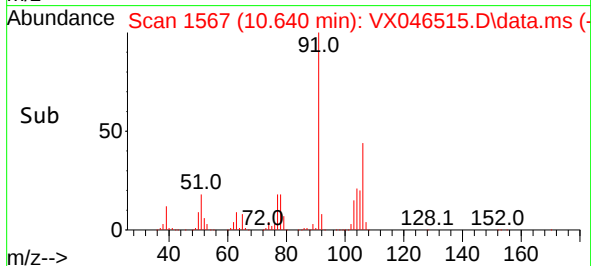
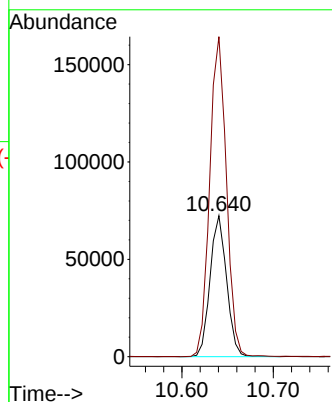
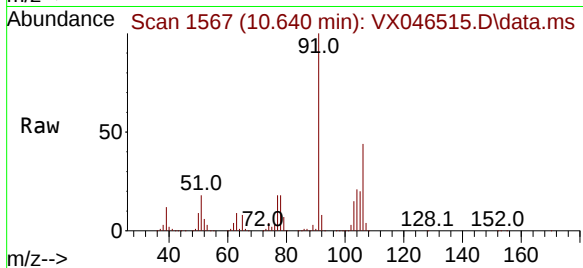
VSTDCCC050EC

Tgt Ion:106 Resp: 90840

Ion Ratio Lower Upper

106 100

91 229.3 112.7 338.1



#70

Styrene

Concen: 56.007 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

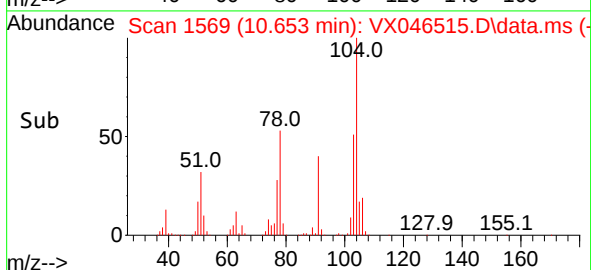
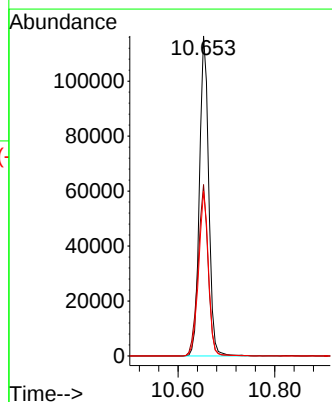
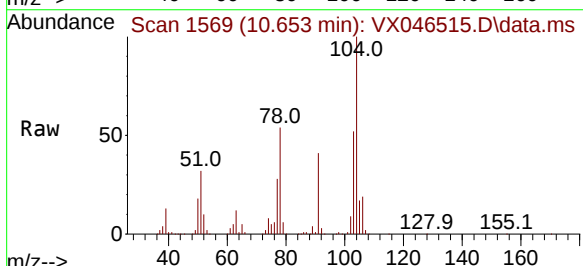
Tgt Ion:104 Resp: 154039

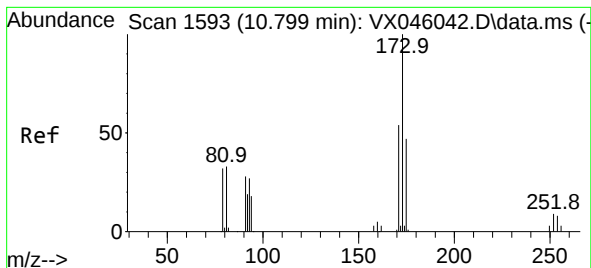
Ion Ratio Lower Upper

104 100

78 58.0 45.7 68.5

103 54.9 43.7 65.5





#71

Bromoform

Concen: 54.037 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

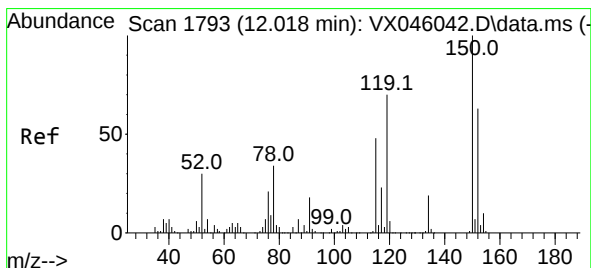
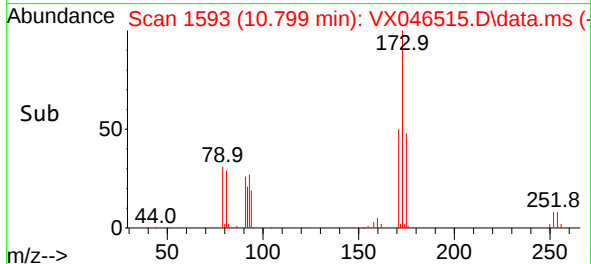
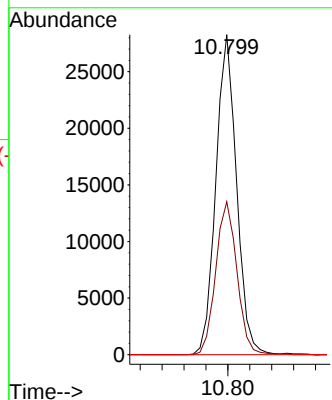
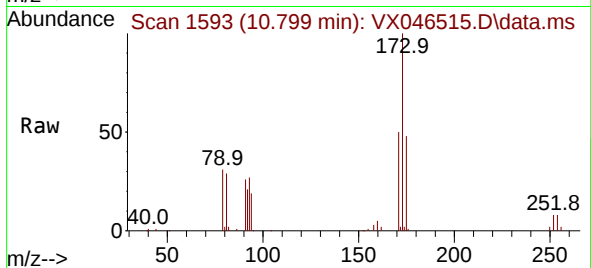
Tgt Ion:173 Resp: 37006

Ion Ratio Lower Upper

173 100

175 49.1 23.4 70.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

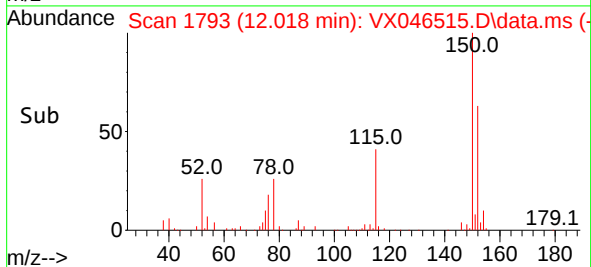
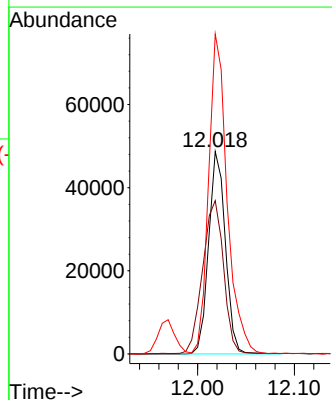
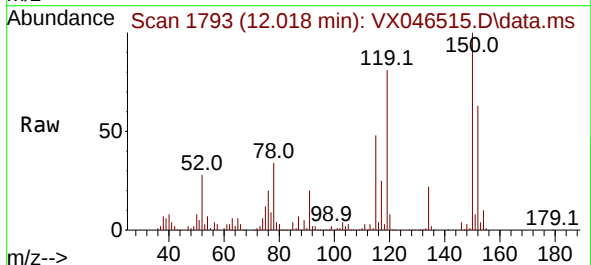
Tgt Ion:152 Resp: 58685

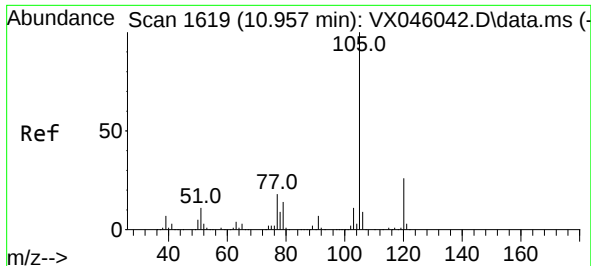
Ion Ratio Lower Upper

152 100

115 95.2 46.9 140.7

150 174.0 0.0 351.0

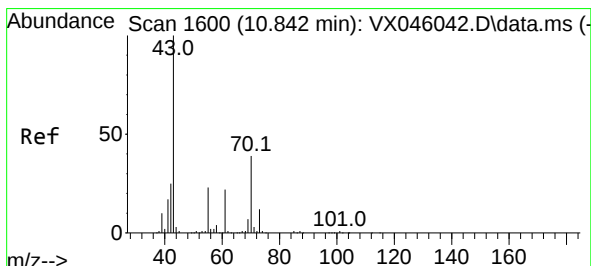
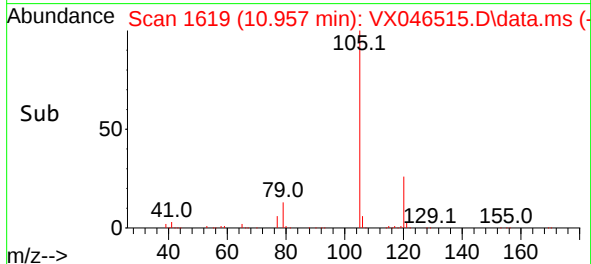
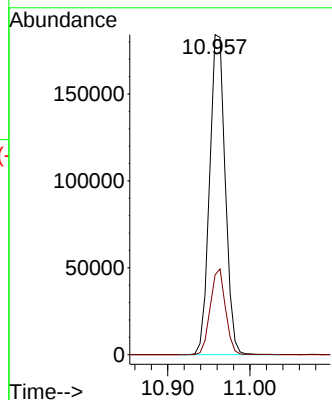
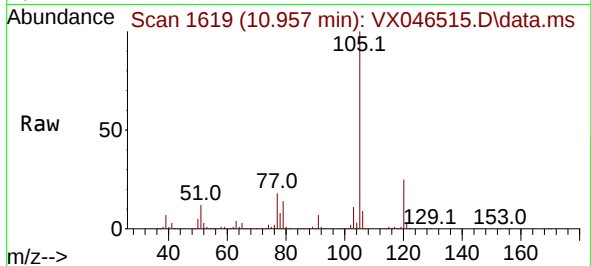




#73
Isopropylbenzene
Concen: 53.284 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

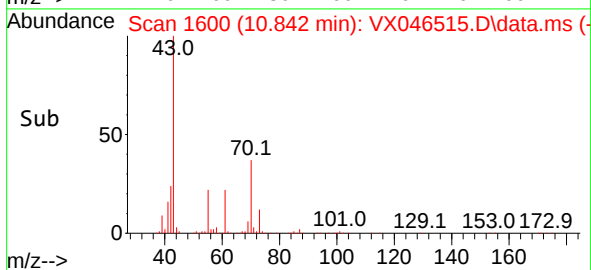
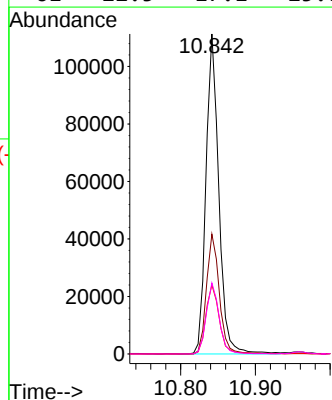
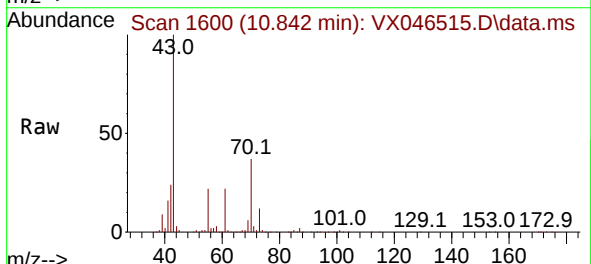
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

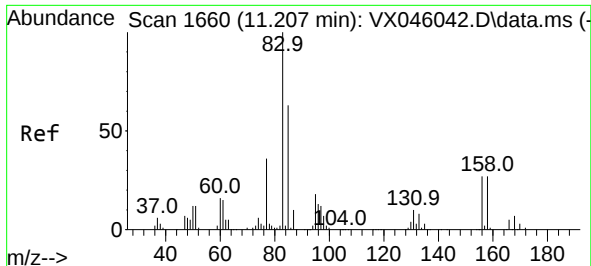
Tgt Ion:105 Resp: 243446
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4



#74
N-ethyl acetate
Concen: 58.767 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 43 Resp: 132675
Ion Ratio Lower Upper
43 100
70 37.8 30.9 46.3
55 22.7 18.7 28.1
61 22.5 17.1 25.7

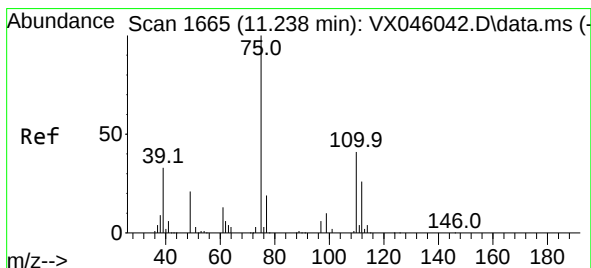
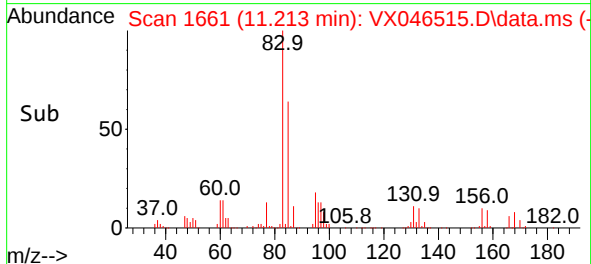
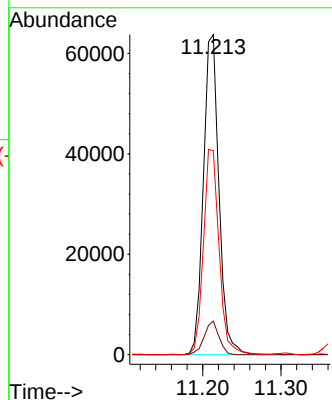
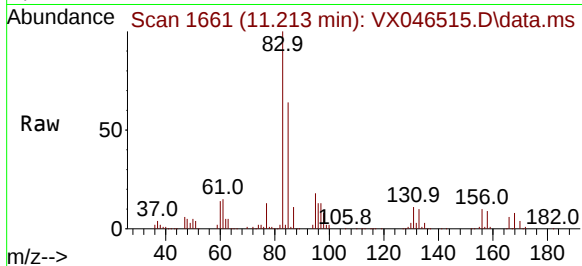




#75
1,1,2-Tetrachloroethane
Concen: 54.825 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

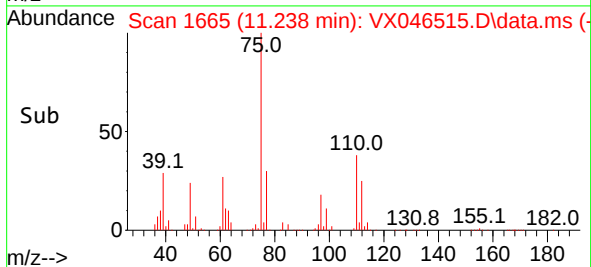
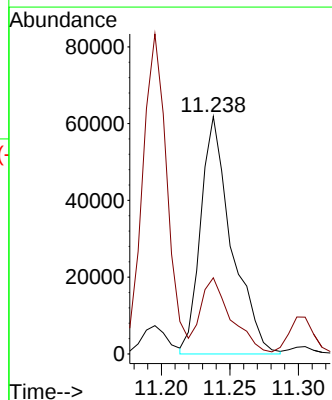
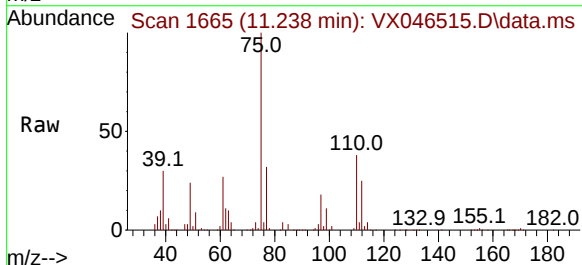
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

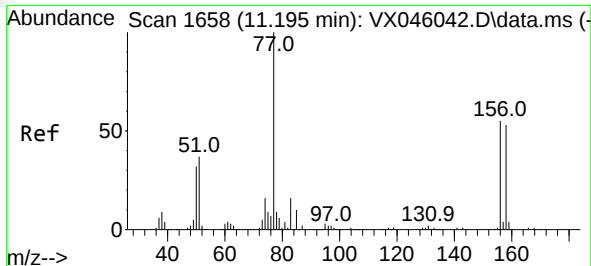
Tgt Ion: 83 Resp: 87778
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 68.805 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 75 Resp: 97192
Ion Ratio Lower Upper
75 100
77 31.9 20.5 61.5

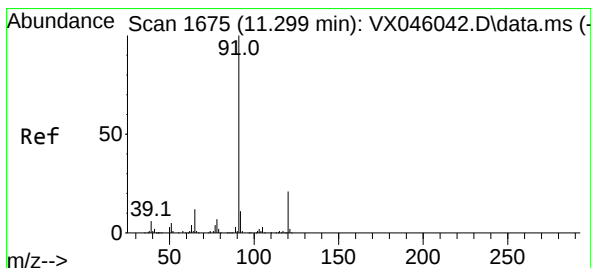
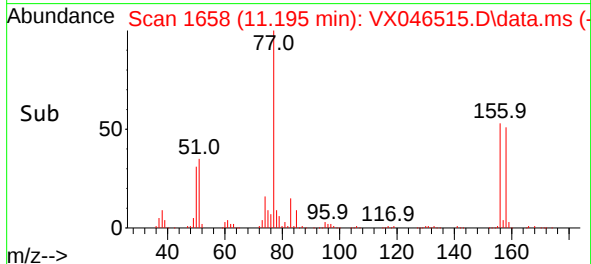
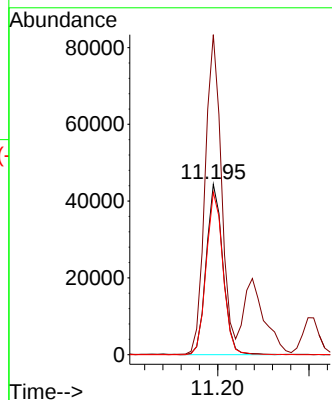
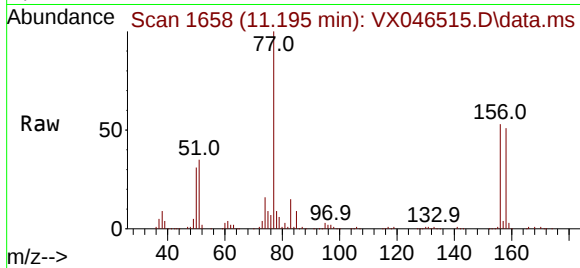




#77
Bromobenzene
Concen: 52.581 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

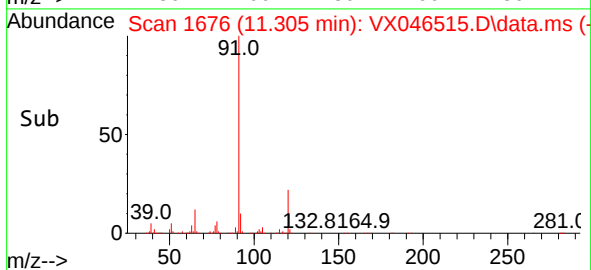
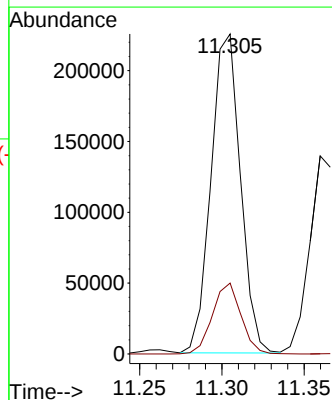
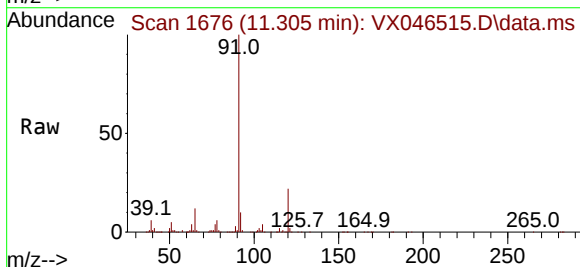
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

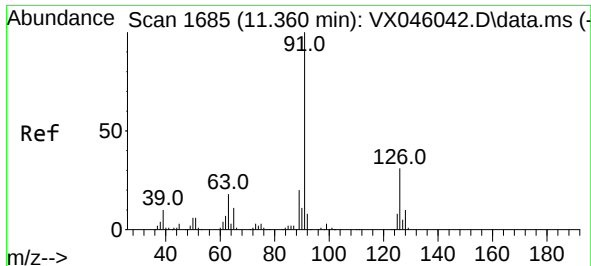
Tgt Ion:156 Resp: 55773
Ion Ratio Lower Upper
156 100
77 185.6 92.8 278.3
158 96.2 48.8 146.3



#78
n-propylbenzene
Concen: 52.781 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 91 Resp: 280392
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





#79

2-Chlorotoluene

Concen: 51.120 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

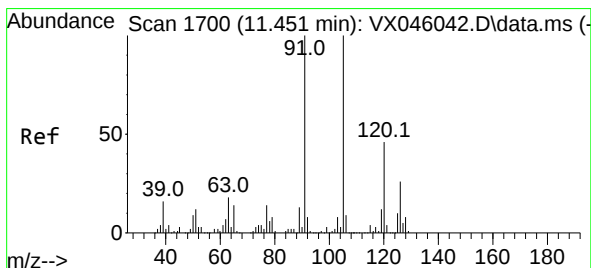
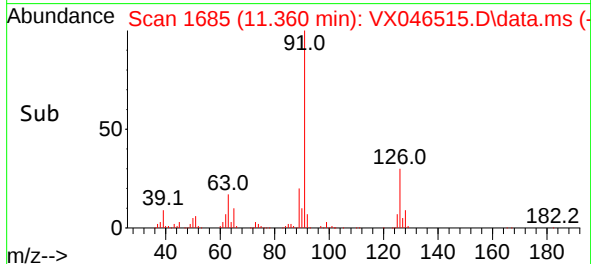
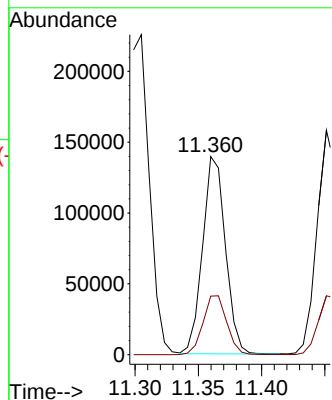
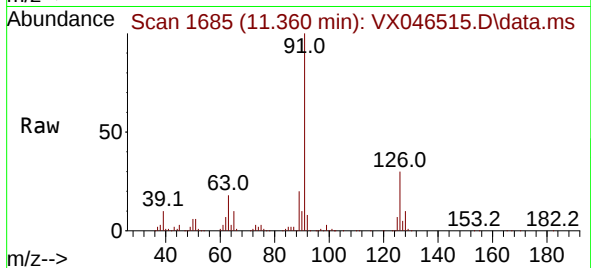
VSTDCCC050EC

Tgt Ion: 91 Resp: 175163

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 53.270 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046515.D

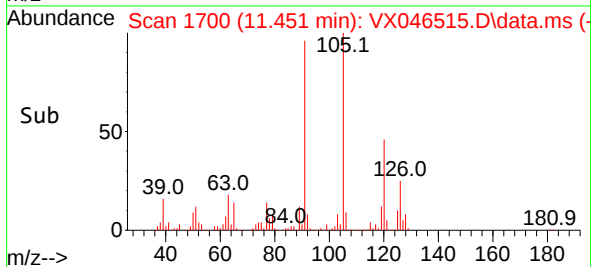
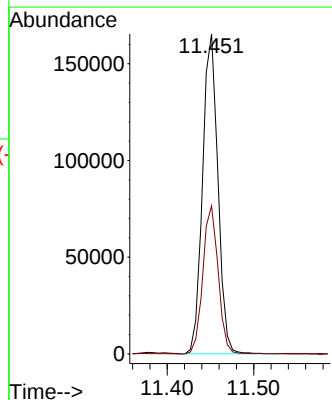
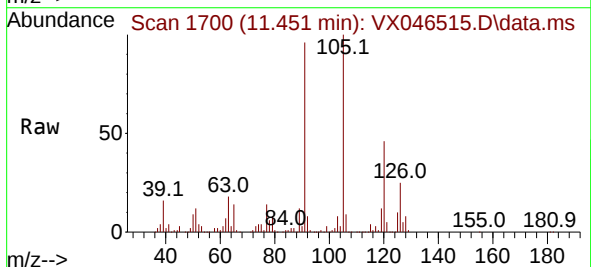
Acq: 04 Jun 2025 20:59

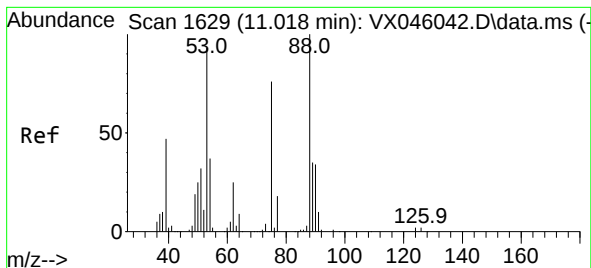
Tgt Ion: 105 Resp: 203328

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.2

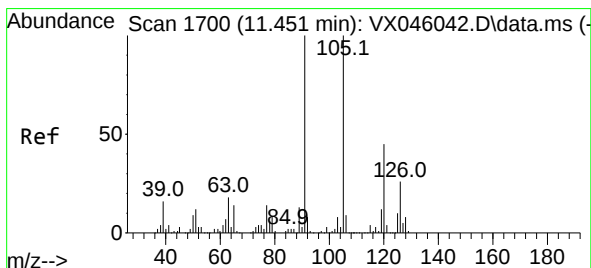
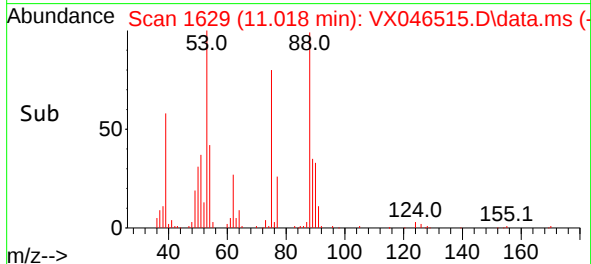
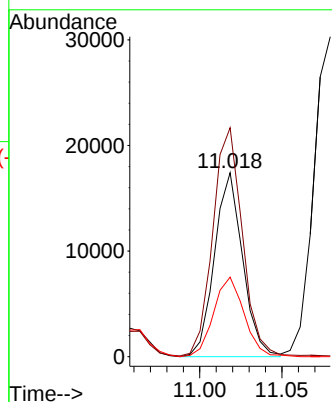
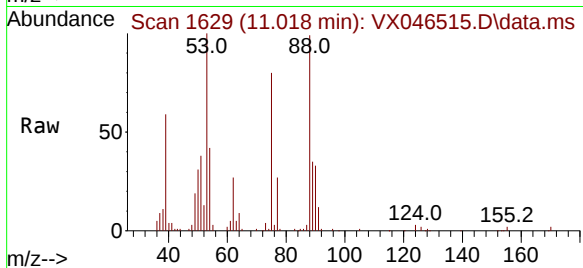




#81
trans-1,4-Dichloro-2-butene
Concen: 47.884 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

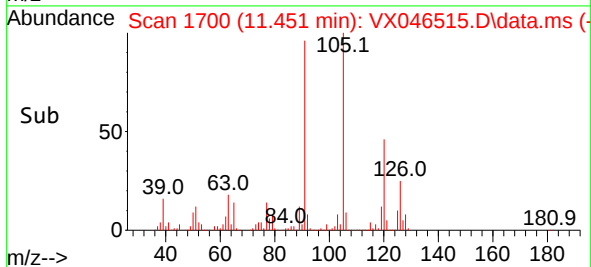
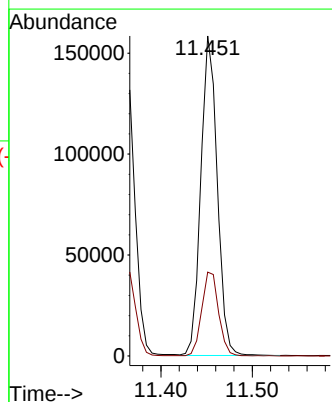
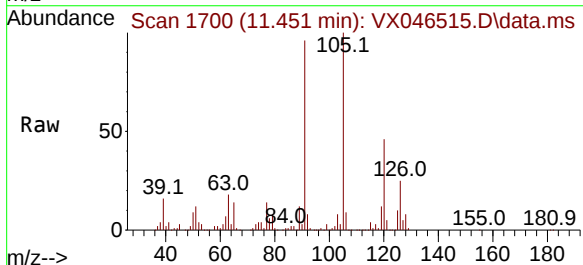
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 20776
Ion Ratio Lower Upper
75 100
53 129.7 100.5 150.7
89 46.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 51.912 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 91 Resp: 197258
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.8





#83

tert-Butylbenzene

Concen: 53.294 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

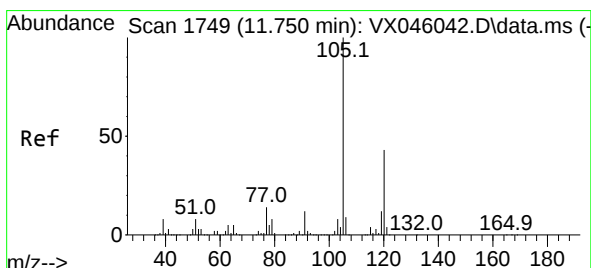
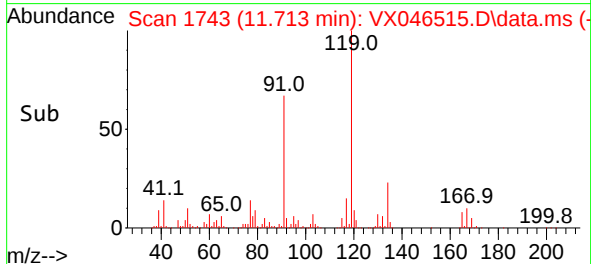
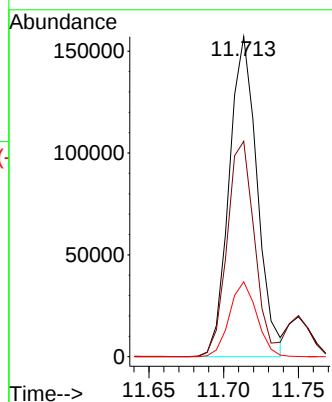
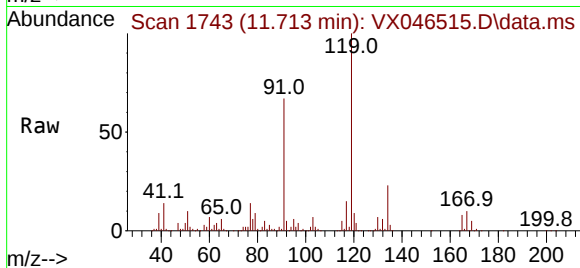
Tgt Ion:119 Resp: 204900

Ion Ratio Lower Upper

119 100

91 66.2 32.9 98.7

134 22.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 53.202 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046515.D

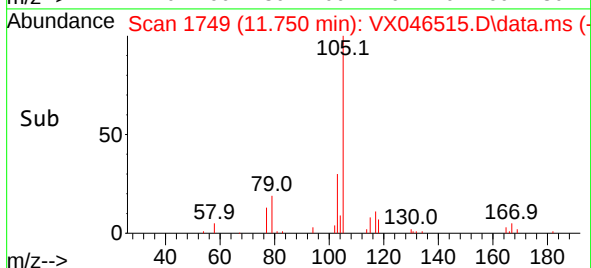
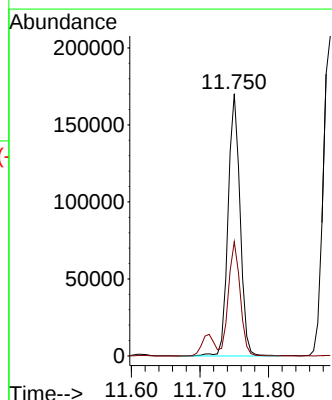
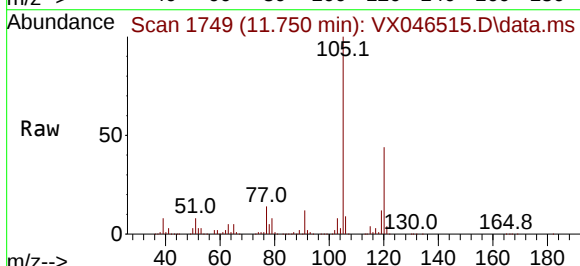
Acq: 04 Jun 2025 20:59

Tgt Ion:105 Resp: 205643

Ion Ratio Lower Upper

105 100

120 42.8 21.2 63.6

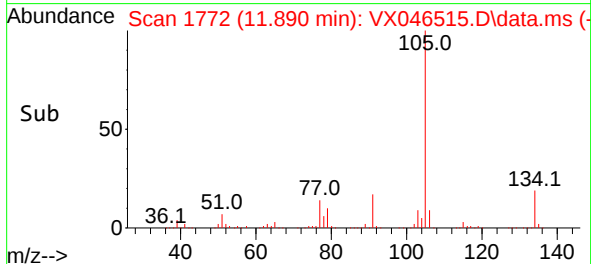
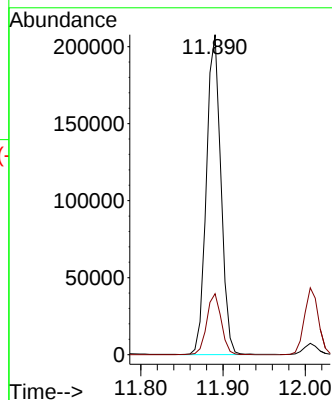
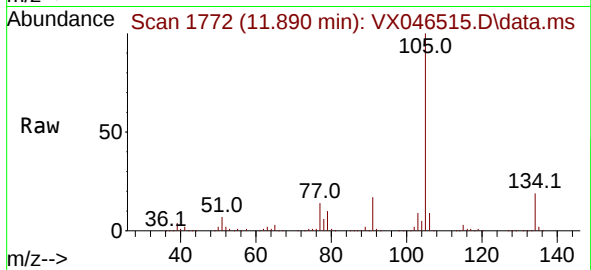




#85
sec-Butylbenzene
Concen: 53.790 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

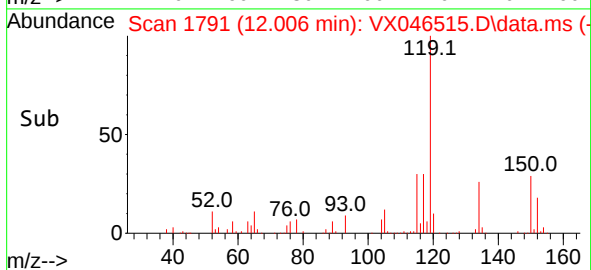
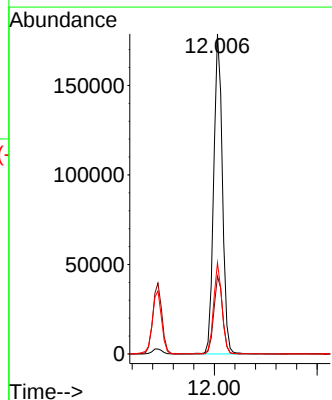
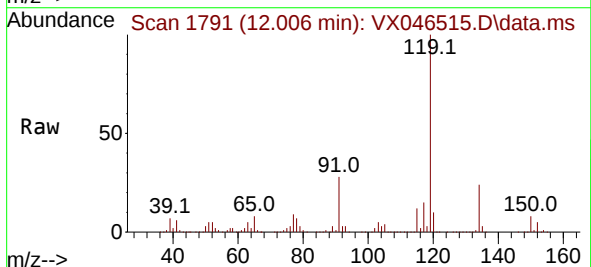
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 253922
Ion Ratio Lower Upper
105 100
134 19.1 9.7 29.1



#86
p-Isopropyltoluene
Concen: 53.980 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion:119 Resp: 210338
Ion Ratio Lower Upper
119 100
134 24.5 12.5 37.5
91 27.1 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.398 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

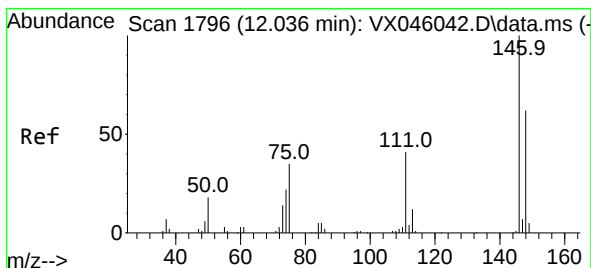
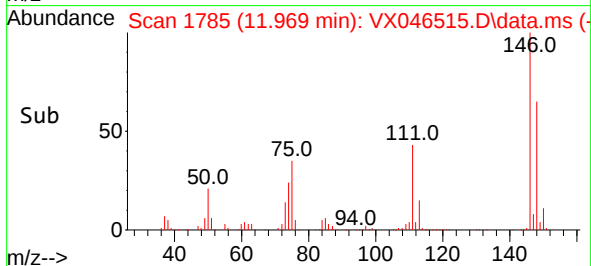
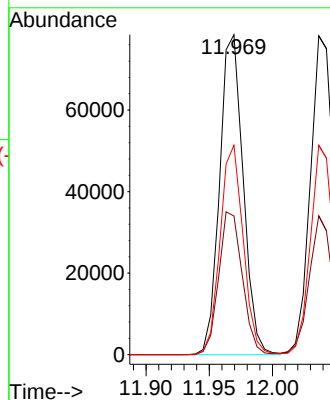
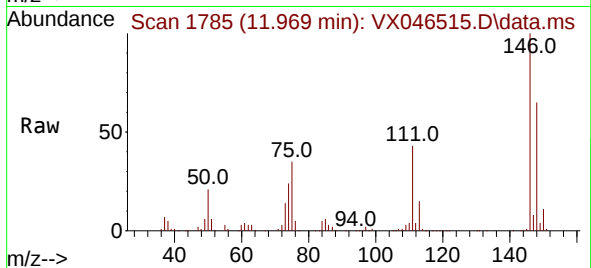
Tgt Ion:146 Resp: 101434

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.3

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 51.541 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

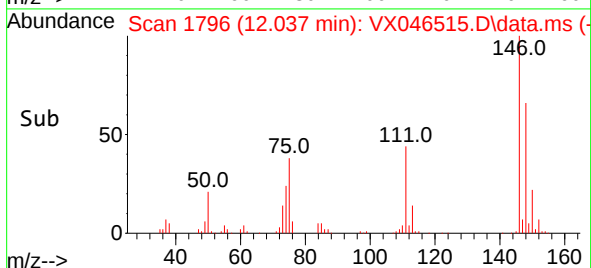
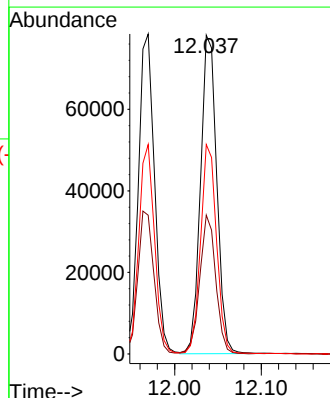
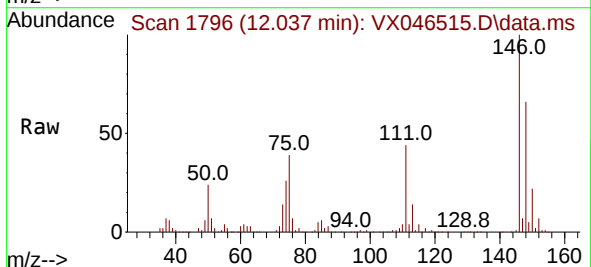
Tgt Ion:146 Resp: 101896

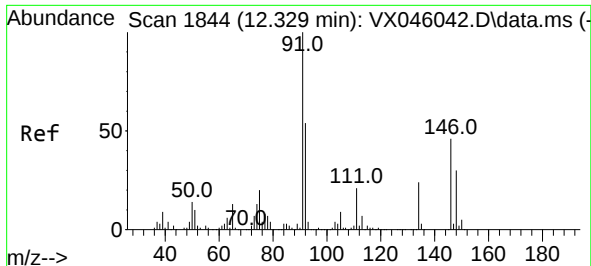
Ion Ratio Lower Upper

146 100

111 43.0 21.3 63.9

148 64.5 31.9 95.5

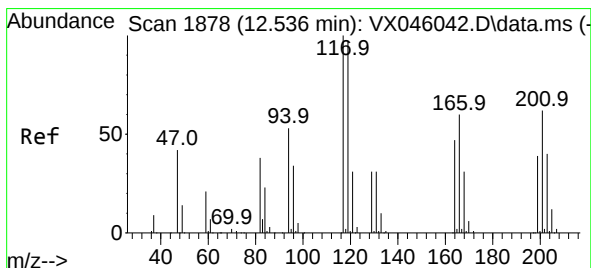
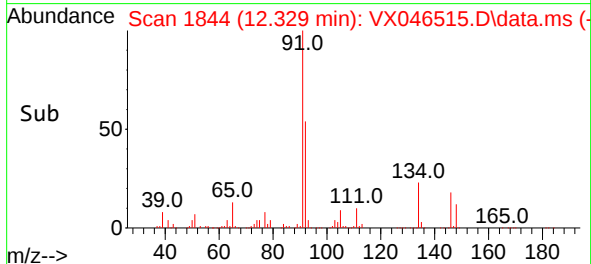
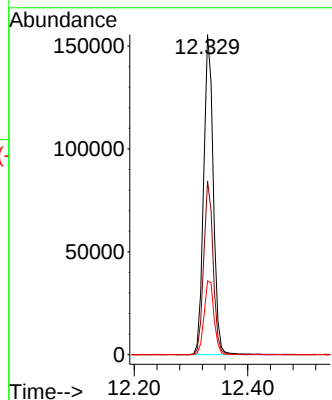
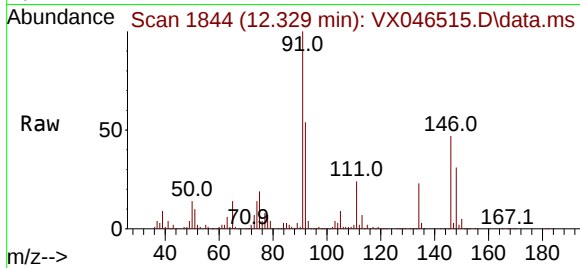




#89
n-Butylbenzene
Concen: 53.911 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

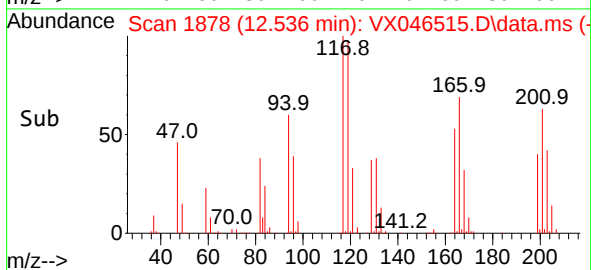
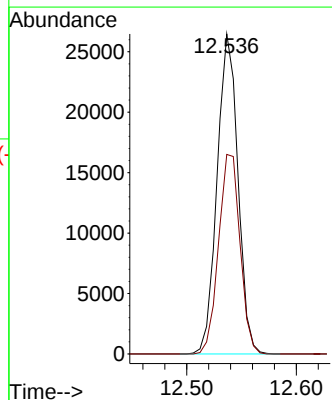
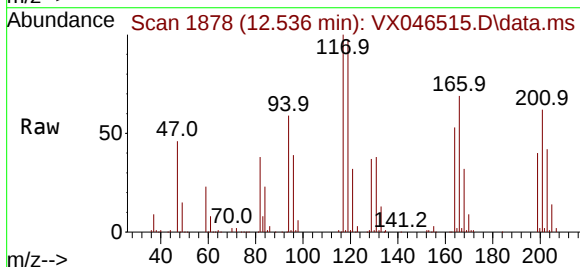
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

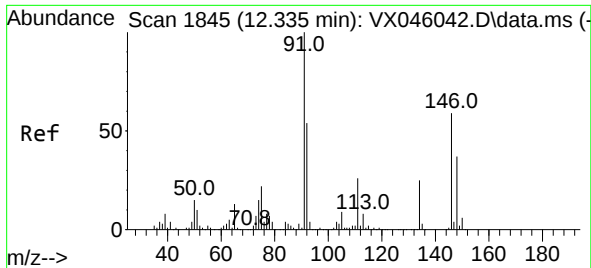
Tgt Ion: 91 Resp: 184264
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 23.8 11.8 35.3



#90
Hexachloroethane
Concen: 50.916 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 117 Resp: 34953
Ion Ratio Lower Upper
117 100
201 64.3 31.6 94.7

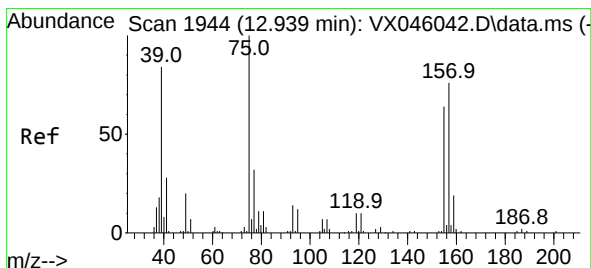
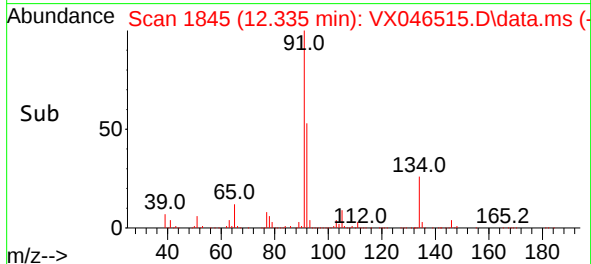
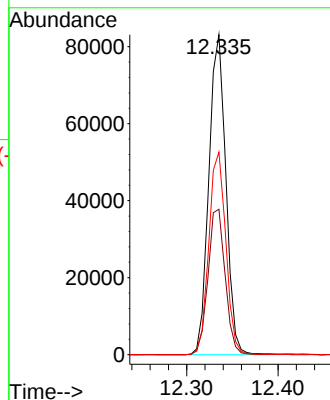
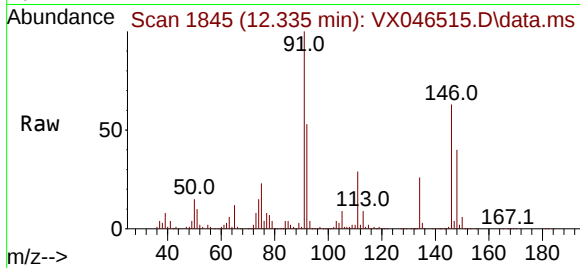




#91
1,2-Dichlorobenzene
Concen: 55.183 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

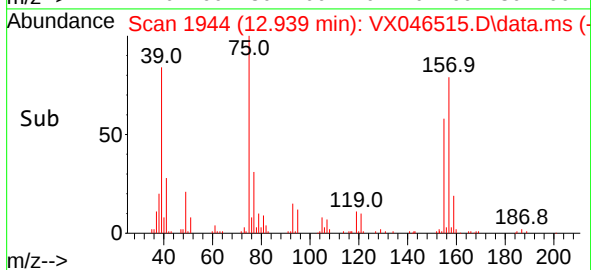
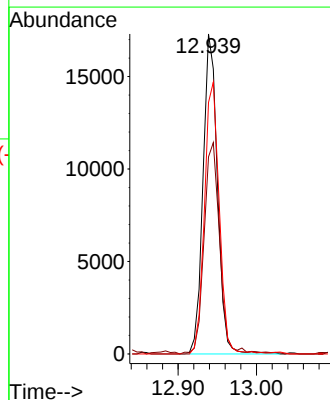
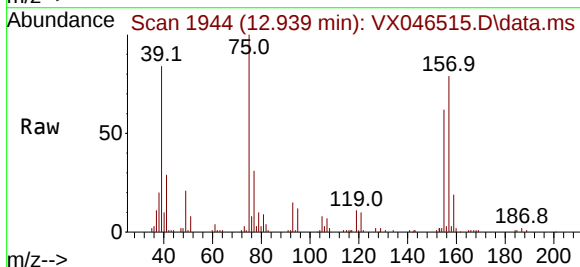
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

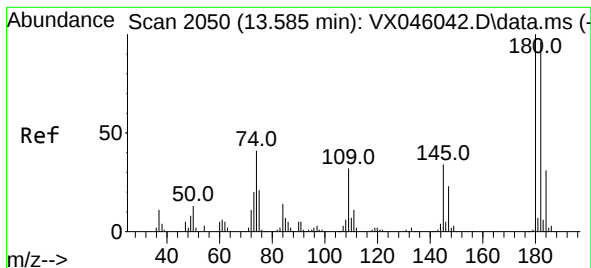
Tgt Ion:146 Resp: 107198
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 63.5 31.6 94.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.488 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion: 75 Resp: 22164
Ion Ratio Lower Upper
75 100
155 71.7 34.9 104.8
157 86.8 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 54.808 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

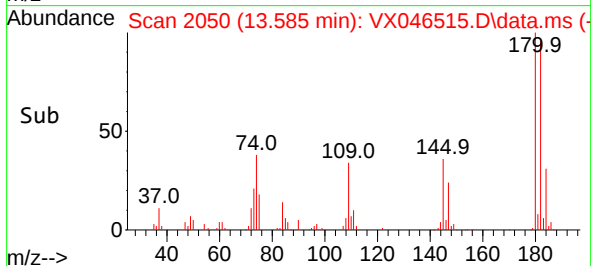
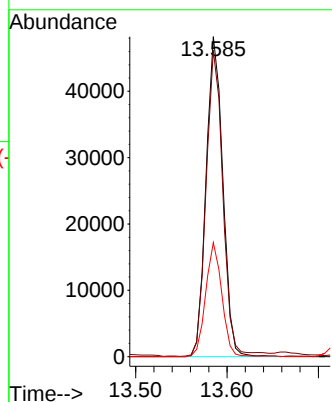
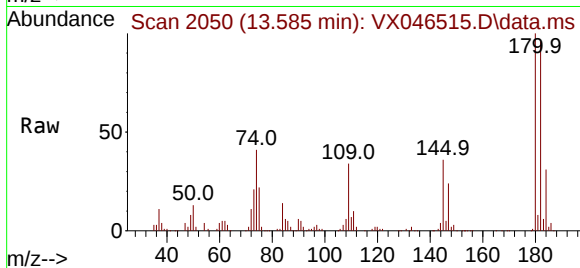
Tgt Ion:180 Resp: 61152

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.8

145 34.4 17.1 51.2



#94

Hexachlorobutadiene

Concen: 53.089 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046515.D

Acq: 04 Jun 2025 20:59

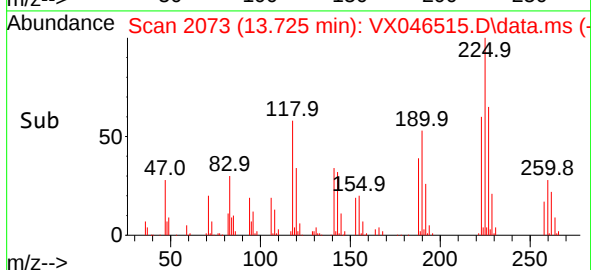
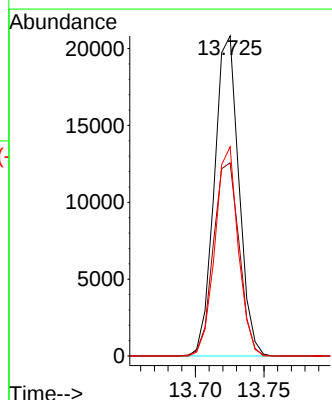
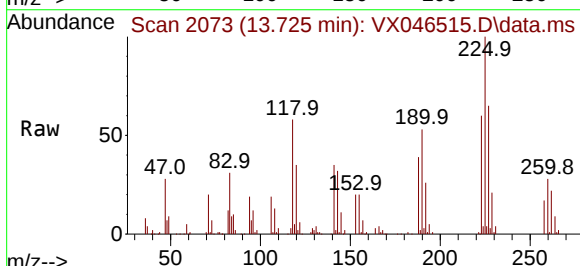
Tgt Ion:225 Resp: 25870

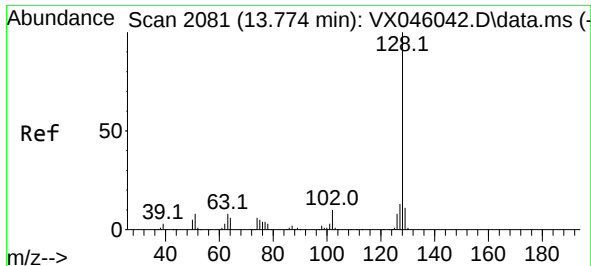
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.4

227 61.9 30.9 92.7

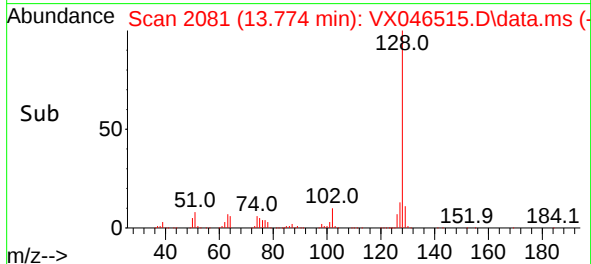
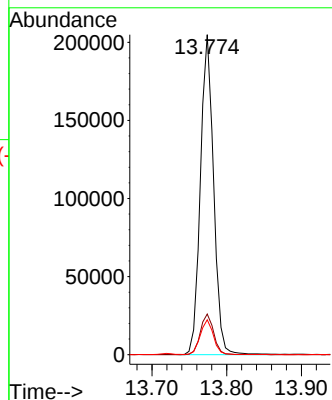
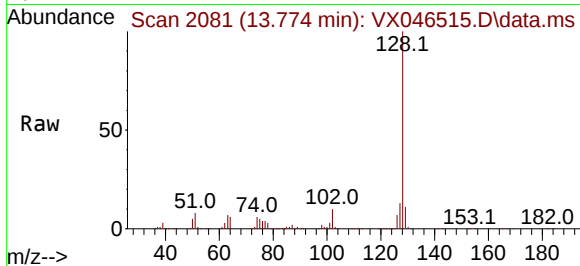




#95
Naphthalene
Concen: 61.244 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 250619
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.343 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046515.D
Acq: 04 Jun 2025 20:59

Tgt Ion:180 Resp: 63714
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 36.7 18.1 54.3

